

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		07/11/2024																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	40.46	35.42	34.72	33.27	33.26	35.25	36.59	40.61	43.06	45.62	48.45	56.14	61.74	66.19	74.74	91.58	95.24	116.77	98.58	69.95	62.77	53.46	46.52	41.58			
		3.88	3.39	3.08	2.99	2.90	3.05	3.54	4.15	4.51	4.68	5.07	5.83	6.25	6.41	7.49	9.29	10.05	12.40	10.23	6.82	5.71	5.04	4.42	3.98			
		0.00	0.00	-0.20	-0.05	-0.19	-0.11	0.00	-0.38	0.00	-0.59	0.00	0.00	-1.54	-3.03	-3.78	-6.72	-5.45	-5.96	-0.13	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EDT	40.61	35.51	34.78	33.30	33.32	35.28	36.62	40.61	43.14	45.63	48.40	56.04	61.75	66.14	74.55	91.51	95.08	116.58	98.43	69.82	62.89	53.61	46.57	41.69			
		4.02	3.49	3.14	3.02	2.96	3.08	3.57	4.15	4.59	4.68	5.03	5.74	6.26	6.36	7.30	9.22	9.89	12.20	10.06	6.69	5.82	5.18	4.46	4.10			
		0.00	0.00	-0.20	-0.05	-0.19	-0.11	0.00	-0.38	0.00	-0.59	0.00	0.00	-1.54	-3.03	-3.78	-6.72	-5.45	-5.96	-0.15	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EDT	40.61	35.51	34.78	33.30	33.32	35.28	36.62	40.61	43.14	45.63	48.40	56.04	61.75	66.14	74.55	91.51	95.08	116.58	98.43	69.82	62.89	53.61	46.57	41.69			
		4.02	3.49	3.14	3.02	2.96	3.08	3.57	4.15	4.59	4.68	5.03	5.74	6.26	6.36	7.30	9.22	9.89	12.20	10.06	6.69	5.82	5.18	4.46	4.10			
		0.00	0.00	-0.20	-0.05	-0.19	-0.11	0.00	-0.38	0.00	-0.59	0.00	0.00	-1.54	-3.03	-3.78	-6.72	-5.45	-5.96	-0.15	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EDT	39.69	34.68	34.09	32.56	32.63	34.70	35.70	39.29	41.67	44.29	46.45	54.13	64.14	73.06	83.19	104.15	107.55	130.07	96.26	68.49	62.03	52.64	45.56	40.45			
		3.11	2.66	2.39	2.27	2.20	2.47	2.64	2.71	3.12	3.15	3.08	3.82	3.88	3.92	4.25	5.21	5.50	7.28	7.41	5.37	4.96	4.21	3.45	2.86			
		0.00	0.00	-0.26	-0.06	-0.26	-0.14	0.00	-0.50	0.00	-0.78	0.00	0.00	-6.32	-12.40	-15.47	-23.37	-22.31	-24.38	-0.63	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EDT	39.99	34.91	34.28	32.74	32.81	34.93	35.90	39.54	41.90	44.57	46.71	54.43	64.24	73.05	83.01	103.93	107.32	129.87	96.84	69.00	62.43	52.98	45.85	40.68			
		3.40	2.88	2.58	2.45	2.38	2.70	2.84	2.96	3.35	3.43	3.34	4.13	4.15	4.26	4.51	5.59	5.90	7.77	8.03	5.87	5.36	4.55	3.75	3.08			
		0.00	0.00	-0.26	-0.06	-0.26	-0.14	0.00	-0.50	0.00	-0.78	0.00	0.00	-6.14	-12.05	-15.03	-22.77	-21.68	-23.69	-0.59	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EDT	39.69	34.68	34.09	32.56	32.63	34.70	35.70	39.29	41.67	44.29	46.45	54.13	64.14	73.06	83.19	104.15	107.55	130.07	96.26	68.49	62.03	52.64	45.56	40.45			
		3.11	2.66	2.39	2.27	2.20	2.47	2.64	2.71	3.12	3.15	3.08	3.82	3.88	3.92	4.25	5.21	5.50	7.28	7.41	5.37	4.96	4.21	3.45	2.86			
		0.00	0.00	-0.26	-0.06	-0.26	-0.14	0.00	-0.50	0.00	-0.78	0.00	0.00	-6.32	-12.40	-15.47	-23.37	-22.31	-24.38	-0.63	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EDT	39.07	34.23	33.64	32.19	32.38	34.34	35.23	39.02	41.13	44.05	46.54	54.03	67.71	80.27	92.35	116.66	120.67	143.91	95.81	67.80	61.18	51.92	44.72	39.97			
		2.49	2.21	1.95	1.91	1.96	2.12	2.18	2.45	2.58	2.94	3.16	3.72	3.89	4.14	4.70	5.74	6.06	7.38	6.70	4.67	4.11	3.49	2.61	2.37			
		0.00	0.00	-0.25	-0.06	-0.25	-0.14	0.00	-0.48	0.00	-0.75	0.00	0.00	-9.88	-19.38	-24.18	-35.35	-34.88	-38.11	-0.90	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EDT	37.72	33.05	32.63	31.16	31.30	33.19	34.04	37.58	39.74	42.36	44.72	51.77	39.80	27.67	27.12	26.98	27.12	41.07	89.13	64.83	58.55	49.69	43.28	38.65			
		1.13	1.02	0.94	0.88	0.88	0.96	0.99	1.01	1.20	1.25	1.34	1.46	1.46	1.53	1.84	2.34	2.47	2.85	2.47	1.70	1.48	1.26	1.18	1.05			
		0.00	0.00	-0.26	-0.06	-0.25	-0.14	0.00	-0.48	0.00	-0.76	0.00	0.00	15.60	30.61	38.19	50.93	55.09	60.20	1.56	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EDT	35.27	30.93	30.43	29.31	29.32	31.13	32.03	35.00	37.21	38.98	40.50	41.83	45.90	48.62	34.78	40.76	40.84	47.51	47.03	55.96	54.38	43.68	40.50	28.30			
		-1.32	-1.09	-1.01	-0.94	-0.91	-0.96	-1.02	-1.08	-1.31	-1.37	-1.52	-1.71	-1.83	-1.93	-2.16	-2.57	-2.71	-3.35	-3.18	-2.27	-2.00	-1.79	-1.60	-1.43			
		0.00	0.00	0.00	-0.02	-0.05	0.00	0.00	0.00	0.02	0.00	0.00	1.35	6.77	6.21	6.20	26.53	32.24	36.18	47.56	38.01	4.89	0.69	2.95	0.01	7.86		
ALBANY_1_SOLAR 323833	EDT	38.38	33.59	33.20	31.74	31.84	33.77	34.57	38.15	40.17	42.72	44.98	51.92	44.29	36.55	38.24	42.50	43.47	59.30	89.82	65.09	58.89	49.98	43.95	39.29			
		1.79	1.57	1.51	1.45	1.42	1.54	1.52	1.59	1.62	1.62	1.61	1.61	1.24	1.19	1.46	1.96	2.23	2.95	2.64	1.96	1.83	1.55	1.85	1.69			
		0.00	0.00	-0.25	-0.06	-0.25	-0.14	0.00	-0.48	0.00	-0.75	0.00	0.00	10.90	21.39	26.69	35.02	38.50	42.06	1.04	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EDT	38.38	33.59	33.20	31.74	31.84	33.77	34.57	38.15	40.17	42.72	44.98	51.92	44.29	36.55	38.24	42.50	43.47	59.30	89.82	65.09	58.89	49.98	43.95	39.29			
		1.79	1.57	1.51	1.45	1.42	1.54	1.52	1.59	1.62	1.62	1.61	1.61	1.24	1.19	1.46	1.96	2.23	2.95	2.64	1.96	1.83	1.55	1.85	1.69			
		0.00	0.00	-0.25	-0.06	-0.25	-0.14	0.00	-0.48	0.00	-0.75	0.00	0.00	10.90	21.39	26.69	35.02	38.50	42.06	1.04	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EDT	37.72	33.05	32.63	31.16	31.30	33.19	34.04	37.58	39.74	42.36	44.72	51.77	39.80	27.67	27.12	26.98	27.12	41.07	89.13	64.83	58.55	49.69	43.28	38.65			
		1.13	1.02	0.94	0.88	0.88	0.96	0.99	1.01	1.20	1.25	1.34	1.46	1.46	1.53	1.84	2.34	2.47	2.85	2.47	1.70	1.48	1.26	1.18	1.05			
		0.00	0.00	-0.26	-0.06	-0.25	-0.14	0.00	-0.48	0.00	-0.76	0.00	0.00	15.60	30.61	38.19	50.93	55.09	60.20	1.56	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	37.72 1.13 0.00	33.05 1.02 0.00	32.63 0.94 -0.26	31.16 0.88 -0.06	31.30 0.88 -0.25	33.19 0.96 -0.14	34.04 0.99 0.00	37.58 1.01 -0.48	39.74 1.20 0.00	42.36 1.25 -0.76	44.72 1.34 0.00	51.77 1.46 0.00	39.80 1.46 15.60	27.67 1.53 30.61	27.12 1.84 38.19	26.98 2.34 50.93	27.12 2.47 55.09	41.07 2.85 60.20	89.13 2.47 1.56	64.83 1.70 0.00	58.55 1.48 0.00	49.69 1.26 0.00	43.28 1.18 0.00	38.65 1.05 0.00
ALBANY___3 23573	37.72 1.13 0.00	33.05 1.02 0.00	32.63 0.94 -0.26	31.16 0.88 -0.06	31.30 0.88 -0.25	33.19 0.96 -0.14	34.04 0.99 0.00	37.58 1.01 -0.48	39.74 1.20 0.00	42.36 1.25 -0.76	44.72 1.34 0.00	51.77 1.46 0.00	39.80 1.46 15.60	27.67 1.53 30.61	27.12 1.84 38.19	26.98 2.34 50.93	27.12 2.47 55.09	41.07 2.85 60.20	89.13 2.47 1.56	64.83 1.70 0.00	58.55 1.48 0.00	49.69 1.26 0.00	43.28 1.18 0.00	38.65 1.05 0.00
ALBANY___4 23574	37.72 1.13 0.00	33.05 1.02 0.00	32.63 0.94 -0.26	31.16 0.88 -0.06	31.30 0.88 -0.25	33.19 0.96 -0.14	34.04 0.99 0.00	37.58 1.01 -0.48	39.74 1.20 0.00	42.36 1.25 -0.76	44.72 1.34 0.00	51.77 1.46 0.00	39.80 1.46 15.60	27.67 1.53 30.61	27.12 1.84 38.19	26.98 2.34 50.93	27.12 2.47 55.09	41.07 2.85 60.20	89.13 2.47 1.56	64.83 1.70 0.00	58.55 1.48 0.00	49.69 1.26 0.00	43.28 1.18 0.00	38.65 1.05 0.00
ALBANY___LFGE 323615	38.19 1.61 0.00	33.47 1.44 0.00	33.01 1.32 -0.26	31.53 1.24 -0.06	31.66 1.24 -0.25	33.58 1.35 -0.14	34.44 1.39 0.00	38.05 1.48 -0.49	40.21 1.66 0.00	42.89 1.77 -0.76	45.28 1.91 0.00	52.47 2.16 0.00	56.21 2.27 0.00	59.08 2.33 0.00	66.14 2.67 0.00	80.90 3.40 -1.93	83.33 3.59 0.00	102.74 4.33 0.00	92.14 3.79 -0.13	65.78 2.65 0.00	59.41 2.34 0.00	50.41 1.99 0.00	43.83 1.73 0.00	39.14 1.54 0.00
ALCOA_PA_115KV_PL-6C 55860	35.08 -1.50 0.00	30.74 -1.28 0.00	30.24 -1.19 0.00	29.18 -1.09 -0.04	29.21 -1.06 -0.09	30.93 -1.16 0.00	31.86 -1.19 0.00	34.82 -1.26 0.00	37.02 -1.50 0.02	38.74 -1.61 0.00	40.29 -1.78 1.31	41.75 -2.01 6.55	45.78 -2.16 6.01	48.48 -2.27 6.00	35.27 -2.54 25.67	41.35 -3.02 31.19	41.54 -3.19 35.00	48.47 -3.94 46.01	47.74 -3.71 36.77	55.81 -2.59 4.73	54.12 -2.28 0.66	43.49 -2.08 2.85	40.16 -1.94 0.01	28.33 -1.65 7.61
ALCOA_RYNLDS___DRP 24188	35.08 -1.50 0.00	30.74 -1.28 0.00	30.24 -1.19 0.00	29.18 -1.09 -0.04	29.21 -1.06 -0.09	30.93 -1.16 0.00	31.86 -1.19 0.00	34.82 -1.26 0.00	37.02 -1.50 0.02	38.74 -1.61 0.00	40.29 -1.78 1.31	41.75 -2.01 6.55	45.78 -2.16 6.01	48.48 -2.27 6.00	35.27 -2.54 25.67	41.35 -3.02 31.19	41.54 -3.19 35.00	48.47 -3.94 46.01	47.74 -3.71 36.77	55.81 -2.59 4.73	54.12 -2.28 0.66	43.49 -2.08 2.85	40.16 -1.94 0.01	28.33 -1.65 7.61
ALCOA___DSASP 323711	34.97 -1.61 0.00	30.68 -1.34 0.00	30.18 -1.26 0.00	29.12 -1.15 -0.04	29.15 -1.12 -0.09	30.87 -1.22 0.00	31.86 -1.19 0.00	34.71 -1.37 0.00	36.98 -1.54 0.02	38.70 -1.66 0.00	40.28 -1.78 1.31	41.75 -2.01 6.55	45.78 -2.16 6.01	48.48 -2.27 6.00	35.20 -2.61 25.67	41.35 -3.02 31.19	41.54 -3.19 35.00	48.46 -3.94 46.01	47.75 -3.70 36.77	55.80 -2.59 4.73	54.12 -2.28 0.66	43.49 -2.08 2.85	40.16 -1.94 0.01	28.33 -1.65 7.61
ALLEGHENY___COGEN 23514	37.79 1.21 0.00	32.73 0.70 0.00	31.97 0.50 -0.03	30.63 0.39 -0.01	30.48 0.27 -0.03	32.62 0.51 -0.02	33.52 0.46 0.00	36.36 0.22 -0.06	38.29 -0.23 0.03	38.51 -1.94 -0.09	41.12 -2.26 0.00	47.14 -2.97 0.20	50.38 -3.02 0.54	49.48 -6.58 0.69	54.43 -7.87 1.17	65.42 -8.92 1.23	68.50 -9.41 1.82	85.88 -11.12 1.41	78.41 -8.38 1.42	56.30 -5.24 1.59	52.34 -4.11 0.62	48.23 -0.19 0.00	42.40 0.30 0.00	37.67 0.08 0.00
ALTAMONT_115KV_TB 2 55880	38.08 1.50 0.00	33.34 1.31 0.00	32.98 1.29 -0.26	31.53 1.24 -0.06	31.63 1.21 -0.25	33.54 1.32 -0.14	34.41 1.36 0.00	37.97 1.41 -0.49	40.13 1.58 0.00	42.73 1.61 -0.76	45.11 1.73 0.00	52.22 1.91 0.00	47.78 2.00 8.16	42.78 2.04 16.01	45.84 2.35 19.98	52.71 2.87 25.73	54.03 3.11 28.82	70.76 3.84 31.49	90.75 3.35 0.81	65.46 2.34 0.00	59.18 2.11 0.00	50.27 1.84 0.00	43.75 1.64 0.00	39.06 1.47 0.00
ALTONA_WT_PWR 323606	35.19 -1.39 0.00	30.90 -1.12 0.00	30.43 -1.01 0.00	29.35 -0.88 0.00	29.33 -0.84 0.00	31.29 -0.80 0.00	32.39 -0.66 0.00	35.39 -0.69 0.00	37.71 -0.81 0.02	39.30 -1.05 0.00	41.04 -1.00 1.34	42.30 -1.31 6.70	46.29 -1.51 6.14	48.63 -1.99 6.13	34.88 -2.35 26.25	41.25 -2.42 31.89	41.47 -2.47 35.79	48.32 -3.05 47.04	47.98 -2.64 37.59	56.02 -2.27 4.84	54.39 -2.00 0.68	43.96 -1.55 2.92	41.00 -1.09 0.01	28.65 -1.17 7.78
AMERICAN_REF_FUEL 24010	34.61 -1.98 0.00	29.94 -2.08 0.00	29.33 -2.14 -0.03	28.21 -2.03 -0.01	28.09 -2.11 -0.03	29.89 -2.21 -0.02	30.77 -2.28 0.00	33.10 -3.03 -0.05	35.36 -3.16 0.03	36.71 -3.71 -0.07	39.43 -3.95 0.00	45.29 -4.78 0.23	48.41 -4.91 0.63	51.47 -4.48 0.79	56.16 -5.97 1.34	66.39 -7.71 1.47	69.43 -8.21 2.10	87.05 -9.74 1.62	79.44 -7.14 1.64	56.76 -4.55 1.83	52.02 -4.34 0.71	44.84 -3.58 0.00	39.83 -2.27 0.00	35.90 -1.69 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.74 -0.84 0.00	30.84 -1.18 0.00	29.83 -1.64 -0.03	28.94 -1.30 -0.01	28.64 -1.57 -0.03	30.70 -1.41 -0.02	31.80 -1.26 0.00	34.66 -1.48 -0.06	37.09 -1.43 0.03	38.66 -1.77 -0.08	41.55 -1.82 0.00	47.48 -2.62 0.21	50.84 -2.53 0.57	54.33 -1.70 0.72	59.47 -2.79 1.22	70.28 -4.01 1.28	73.77 -4.06 1.90	92.32 -4.62 1.47	84.26 -2.47 1.48	60.34 -1.13 1.66	55.05 -1.37 0.65	47.80 -0.63 0.00	42.40 0.30 0.00	38.12 0.53 0.00
ARTHUR KILL_GT_1 23520	42.11 3.92 -1.61	35.45 3.36 -0.06	34.67 3.02 -0.22	33.22 2.93 -0.06	33.28 2.90 -0.21	35.35 3.15 -0.12	36.47 3.41 -0.02	41.68 3.97 -1.63	42.71 4.16 0.01	45.21 4.28 -0.58	48.01 4.64 0.01	50.08 5.23 5.46	49.49 5.77 10.23	48.35 5.85 14.24	57.61 6.66 12.52	79.63 8.46 4.40	83.75 9.17 5.15	104.75 11.41 5.07	79.29 9.35 18.27	53.38 6.19 15.94	45.61 5.19 16.65	45.13 4.89 8.18	44.96 4.34 1.48	41.72 4.06 -0.06
ARTHUR_KILL_2 23512	41.96 3.77 -1.61	35.32 3.23 -0.06	34.58 2.92 -0.22	33.10 2.81 -0.06	33.16 2.77 -0.21	35.22 3.02 -0.12	36.34 3.27 -0.02	41.53 3.82 -1.63	42.55 4.01 0.01	45.05 4.12 -0.58	47.79 4.43 0.01	49.83 4.98 5.46	49.22 5.50 10.23	48.07 5.56 14.24	57.30 6.35 12.52	79.25 8.09 4.40	83.35 8.77 5.15	104.17 10.83 5.07	78.76 8.82 18.27	53.00 5.80 15.94	45.32 4.91 16.65	44.90 4.65 8.18	44.75 4.13 1.48	41.53 3.87 -0.06
ARTHUR_KILL_3 23513	41.77 3.59 -1.60	35.25 3.17 -0.05	34.44 2.80 -0.21	32.97 2.69 -0.05	32.97 2.60 -0.20	34.89 2.70 -0.11	36.23 3.17 -0.01	41.45 3.75 -1.62	42.52 3.97 0.00	45.06 4.12 -0.59	47.75 4.38 0.00	49.84 4.98 5.45	49.12 5.39 10.22	47.96 5.45 14.24	57.31 6.35 12.51	79.18 8.01 4.39	83.28 8.69 5.15	104.08 10.73 5.06	78.60 8.65 18.27	52.88 5.68 15.93	45.27 4.85 16.64	44.66 4.41 8.17	44.42 3.79 1.47	41.26 3.61 -0.05

ARTHUR_KILL_COGEN 323718	42.11 3.92 -1.61	35.45 3.36 -0.06	34.67 3.02 -0.22	33.22 2.93 -0.06	33.28 2.90 -0.21	35.35 3.15 -0.12	36.47 3.41 -0.02	41.68 3.97 -1.63	42.71 4.16 0.01	45.21 4.28 -0.58	48.01 4.64 0.01	50.08 5.23 5.46	49.49 5.77 10.23	48.35 5.85 14.24	57.61 6.66 12.52	79.63 8.46 4.40	83.75 9.17 5.15	104.75 11.41 5.07	79.29 9.35 18.27	53.38 6.19 15.94	45.61 5.19 16.65	45.13 4.89 8.18	44.96 4.34 1.48	41.72 4.06 -0.06
ASHOKAN____ 23654	39.88 3.29 0.00	34.87 2.85 0.00	33.01 1.35 -0.23	32.76 2.48 -0.05	32.41 2.02 -0.22	34.72 2.50 -0.12	35.76 2.71 0.00	39.25 2.74 -0.43	41.52 2.97 0.00	43.89 2.87 -0.67	46.45 3.08 0.00	53.53 3.22 0.00	48.34 4.42 10.02	41.67 4.59 19.67	44.45 5.52 24.55	50.32 7.03 32.27	52.23 7.90 35.40	69.87 10.14 38.69	96.13 8.91 1.00	68.62 5.49 0.00	61.98 4.91 0.00	52.40 3.97 0.00	45.68 3.58 0.00	40.75 3.16 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.40 3.80 -0.01	35.49 3.46 -0.01	34.76 3.11 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.33 3.27 0.00	40.28 3.82 -0.37	42.55 4.01 0.01	45.09 4.16 -0.58	47.74 4.38 0.01	55.18 4.88 0.01	60.87 5.39 -1.54	65.34 5.56 -3.02	73.47 6.22 -3.77	90.15 7.86 -6.72	93.73 8.54 -5.45	114.91 10.54 -5.96	97.08 8.74 -0.13	69.05 5.93 0.01	61.63 4.57 0.01	52.83 4.41 0.00	46.23 4.13 0.00	41.59 3.98 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.40 3.80 -0.01	35.49 3.46 -0.01	34.76 3.11 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.33 3.27 0.00	40.28 3.82 -0.37	42.55 4.01 0.01	45.09 4.16 -0.58	47.74 4.38 0.01	55.18 4.88 0.01	60.87 5.39 -1.54	65.34 5.56 -3.02	73.47 6.22 -3.77	90.15 7.86 -6.72	93.73 8.54 -5.45	114.91 10.54 -5.96	97.08 8.74 -0.13	69.05 5.93 0.01	61.63 4.57 0.01	52.83 4.41 0.00	46.23 4.13 0.00	41.59 3.98 -0.01
ASTORIA_GT2_1 24094	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT2_2 24095	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT2_3 24096	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT2_4 24097	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT3_1 24098	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT3_2 24099	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT3_3 24100	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT3_4 24101	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT4_1 24102	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT4_2 24103	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT4_3 24104	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01

ASTORIA_GT4_4 24105	40.40 3.80 -0.01	35.49 3.46 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.12 2.92 -0.11	36.36 3.31 0.00	40.28 3.82 -0.37	42.67 4.12 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	115.00 10.63 -5.96	97.09 8.73 -0.15	69.12 6.00 0.01	62.42 5.36 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.63 4.02 -0.01
ASTORIA_GT_1 23523	40.51 3.92 -0.01	35.59 3.55 -0.01	34.85 3.21 -0.21	33.40 3.11 -0.05	33.39 3.02 -0.20	35.21 3.02 -0.11	36.39 3.34 0.00	40.39 3.93 -0.37	42.67 4.13 0.01	45.21 4.28 -0.58	47.92 4.55 0.01	55.33 5.03 0.01	61.09 5.61 -1.54	65.50 5.73 -3.02	73.72 6.48 -3.77	90.45 8.16 -6.72	93.96 8.77 -5.45	115.30 10.92 -5.96	97.34 9.00 -0.13	69.31 6.19 0.01	61.79 4.73 0.01	53.03 4.60 0.00	46.35 4.25 0.00	41.70 4.10 -0.01
ASTORIA_GT_10 24110	40.43 3.84 -0.01	35.39 3.36 -0.01	34.62 2.99 -0.20	33.18 2.90 -0.05	33.17 2.81 -0.19	35.12 2.92 -0.11	36.42 3.37 0.00	40.78 3.93 -0.77	42.87 4.32 0.00	45.30 4.36 -0.59	47.97 4.60 0.00	55.39 5.08 0.00	61.04 5.56 -1.54	65.33 5.56 -3.02	73.59 6.35 -3.77	90.37 8.09 -6.72	93.96 8.77 -5.45	115.20 10.83 -5.96	97.09 8.73 -0.15	64.82 5.74 4.05	57.52 5.14 4.68	52.98 4.55 0.00	46.23 4.13 0.00	41.51 3.91 -0.01
ASTORIA_GT_11 24225	40.43 3.84 -0.01	35.39 3.36 -0.01	34.62 2.99 -0.20	33.18 2.90 -0.05	33.17 2.81 -0.19	35.12 2.92 -0.11	36.42 3.37 0.00	40.78 3.93 -0.77	42.87 4.32 0.00	45.30 4.36 -0.59	47.97 4.60 0.00	55.39 5.08 0.00	61.04 5.56 -1.54	65.33 5.56 -3.02	73.59 6.35 -3.77	90.37 8.09 -6.72	93.96 8.77 -5.45	115.20 10.83 -5.96	97.09 8.73 -0.15	64.82 5.74 4.05	57.52 5.14 4.68	52.98 4.55 0.00	46.23 4.13 0.00	41.51 3.91 -0.01
ASTORIA_GT_12 24226	40.43 3.84 -0.01	35.39 3.36 -0.01	34.62 2.99 -0.20	33.18 2.90 -0.05	33.17 2.81 -0.19	35.12 2.92 -0.11	36.42 3.37 0.00	40.78 3.93 -0.77	42.87 4.32 0.00	45.30 4.36 -0.59	47.97 4.60 0.00	55.39 5.08 0.00	61.04 5.56 -1.54	65.33 5.56 -3.02	73.59 6.35 -3.77	90.37 8.09 -6.72	93.96 8.77 -5.45	115.20 10.83 -5.96	97.09 8.73 -0.15	64.82 5.74 4.05	57.52 5.14 4.68	52.98 4.55 0.00	46.23 4.13 0.00	41.51 3.91 -0.01
ASTORIA_GT_13 24227	40.43 3.84 -0.01	35.39 3.36 -0.01	34.62 2.99 -0.20	33.18 2.90 -0.05	33.17 2.81 -0.19	35.12 2.92 -0.11	36.42 3.37 0.00	40.78 3.93 -0.77	42.87 4.32 0.00	45.30 4.36 -0.59	47.97 4.60 0.00	55.39 5.08 0.00	61.04 5.56 -1.54	65.33 5.56 -3.02	73.59 6.35 -3.77	90.37 8.09 -6.72	93.96 8.77 -5.45	115.20 10.83 -5.96	97.09 8.73 -0.15	64.82 5.74 4.05	57.52 5.14 4.68	52.98 4.55 0.00	46.23 4.13 0.00	41.51 3.91 -0.01
ASTORIA_GT_5 24106	40.51 3.91 -0.01	35.55 3.52 -0.01	34.85 3.21 -0.21	33.37 3.08 -0.05	33.36 2.99 -0.20	35.21 3.02 -0.11	36.42 3.37 0.00	40.35 3.90 -0.37	42.79 4.24 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.34 5.03 0.00	61.09 5.61 -1.54	65.50 5.73 -3.02	73.72 6.47 -3.77	90.45 8.16 -6.72	93.96 8.77 -5.45	115.30 10.92 -5.96	97.36 9.00 -0.15	69.31 6.19 0.01	62.60 5.54 0.01	53.03 4.60 0.00	46.36 4.25 0.00	41.70 4.10 -0.01
ASTORIA_GT_7 24107	40.51 3.91 -0.01	35.55 3.52 -0.01	34.85 3.21 -0.21	33.37 3.08 -0.05	33.36 2.99 -0.20	35.21 3.02 -0.11	36.42 3.37 0.00	40.35 3.90 -0.37	42.79 4.24 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.34 5.03 0.00	61.09 5.61 -1.54	65.50 5.73 -3.02	73.72 6.47 -3.77	90.45 8.16 -6.72	93.96 8.77 -5.45	115.30 10.92 -5.96	97.36 9.00 -0.15	69.31 6.19 0.01	62.60 5.54 0.01	53.03 4.60 0.00	46.36 4.25 0.00	41.70 4.10 -0.01
ASTORIA_GT_8 24108	40.51 3.91 -0.01	35.55 3.52 -0.01	34.85 3.21 -0.21	33.37 3.08 -0.05	33.36 2.99 -0.20	35.21 3.02 -0.11	36.42 3.37 0.00	40.35 3.90 -0.37	42.79 4.24 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.34 5.03 0.00	61.09 5.61 -1.54	65.50 5.73 -3.02	73.72 6.47 -3.77	90.45 8.16 -6.72	93.96 8.77 -5.45	115.30 10.92 -5.96	97.36 9.00 -0.15	69.31 6.19 0.01	62.60 5.54 0.01	53.03 4.60 0.00	46.36 4.25 0.00	41.70 4.10 -0.01
ASTORIA___2 24149	40.43 3.84 -0.01	35.52 3.49 -0.01	34.79 3.14 -0.21	33.30 3.02 -0.05	33.30 2.93 -0.20	35.15 2.95 -0.11	36.33 3.27 0.00	40.31 3.86 -0.37	42.55 4.01 0.01	45.13 4.20 -0.58	47.79 4.43 0.01	55.18 4.88 0.01	60.93 5.45 -1.54	65.34 5.56 -3.02	73.53 6.29 -3.77	90.15 7.86 -6.72	93.73 8.54 -5.45	115.00 10.63 -5.96	97.08 8.74 -0.13	69.12 6.00 0.01	61.63 4.57 0.01	52.88 4.45 0.00	46.23 4.13 0.00	41.59 3.98 -0.01
ASTORIA___3 23516	40.47 3.88 -0.01	35.42 3.39 -0.01	34.62 2.99 -0.20	33.18 2.90 -0.05	33.17 2.81 -0.19	35.12 2.92 -0.11	36.39 3.34 0.00	40.86 4.00 -0.77	42.75 4.20 0.00	45.30 4.36 -0.59	47.97 4.60 0.00	55.39 5.08 0.00	61.04 5.56 -1.54	65.34 5.56 -3.02	73.59 6.35 -3.77	90.38 8.09 -6.72	93.96 8.77 -5.45	115.20 10.83 -5.96	97.08 8.74 -0.13	64.82 5.74 4.05	57.18 4.79 4.68	52.98 4.55 0.00	46.23 4.13 0.00	41.55 3.95 -0.01
ASTORIA___4 23517	40.43 3.84 -0.01	35.39 3.36 -0.01	34.62 2.99 -0.20	33.18 2.90 -0.05	33.17 2.81 -0.19	35.12 2.92 -0.11	36.42 3.37 0.00	40.78 3.93 -0.77	42.87 4.32 0.00	45.30 4.36 -0.59	47.97 4.60 0.00	55.39 5.08 0.00	61.04 5.56 -1.54	65.33 5.56 -3.02	73.59 6.35 -3.77	90.37 8.09 -6.72	93.96 8.77 -5.45	115.20 10.83 -5.96	97.09 8.73 -0.15	64.82 5.74 4.05	57.52 5.14 4.68	52.98 4.55 0.00	46.23 4.13 0.00	41.51 3.91 -0.01
ASTORIA___5 23518	40.47 3.88 -0.01	35.42 3.39 -0.01	34.62 2.99 -0.20	33.18 2.90 -0.05	33.17 2.81 -0.19	35.12 2.92 -0.11	36.39 3.34 0.00	40.86 4.00 -0.77	42.75 4.20 0.00	45.30 4.36 -0.59	47.97 4.60 0.00	55.39 5.08 0.00	61.04 5.56 -1.54	65.34 5.56 -3.02	73.59 6.35 -3.77	90.38 8.09 -6.72	93.96 8.77 -5.45	115.20 10.83 -5.96	97.08 8.74 -0.13	64.82 5.74 4.05	57.18 4.79 4.68	52.98 4.55 0.00	46.23 4.13 0.00	41.55 3.95 -0.01
AST_ENERGY_2_CC3 323677	40.21 3.62 0.00	35.19 3.17 0.00	34.43 2.80 -0.20	33.00 2.72 -0.05	32.99 2.62 -0.19	34.95 2.76 -0.10	36.25 3.21 0.01	40.23 3.79 -0.36	42.58 4.05 0.02	45.13 4.20 -0.58	47.87 4.51 0.02	55.48 5.18 0.02	61.08 5.61 -1.53	65.44 5.67 -3.02	73.84 6.60 -3.77	90.59 8.31 -6.71	94.19 9.01 -5.45	115.48 11.12 -5.95	97.34 9.00 -0.12	69.05 5.93 0.02	62.13 5.08 0.02	53.02 4.60 0.01	46.05 3.96 0.01	41.28 3.69 0.00
AST_ENERGY_2_CC4 323678	40.21 3.62 0.00	35.19 3.17 0.00	34.43 2.80 -0.20	33.00 2.72 -0.05	32.99 2.62 -0.19	34.95 2.76 -0.10	36.25 3.21 0.01	40.23 3.79 -0.36	42.58 4.05 0.02	45.13 4.20 -0.58	47.87 4.51 0.02	55.48 5.18 0.02	61.08 5.61 -1.53	65.44 5.67 -3.02	73.84 6.60 -3.77	90.59 8.31 -6.71	94.19 9.01 -5.45	115.48 11.12 -5.95	97.34 9.00 -0.12	69.05 5.93 0.02	62.13 5.08 0.02	53.02 4.60 0.01	46.05 3.96 0.01	41.28 3.69 0.00

ATHENS_STG_1 23668	38.41 1.83 0.00	33.62 1.60 0.00	33.23 1.57 -0.23	31.79 1.51 -0.05	31.87 1.48 -0.22	33.78 1.57 -0.12	34.67 1.62 0.00	38.35 1.84 -0.43	40.51 1.96 0.00	43.08 2.06 -0.67	45.58 2.21 0.00	52.87 2.56 0.00	56.69 2.75 0.00	59.53 2.78 0.00	66.71 3.24 0.00	81.18 3.93 -1.68	83.96 4.22 0.00	103.63 5.21 0.00	92.54 4.32 0.00	66.10 2.97 0.00	59.75 2.68 0.00	50.75 2.32 0.00	44.04 1.94 0.00	39.40 1.80 0.00
ATHENS_STG_2 23670	38.41 1.83 0.00	33.62 1.60 0.00	33.23 1.57 -0.23	31.79 1.51 -0.05	31.87 1.48 -0.22	33.78 1.57 -0.12	34.67 1.62 0.00	38.35 1.84 -0.43	40.51 1.96 0.00	43.08 2.06 -0.67	45.58 2.21 0.00	52.87 2.56 0.00	56.69 2.75 0.00	59.53 2.78 0.00	66.71 3.24 0.00	81.18 3.93 -1.68	83.96 4.22 0.00	103.63 5.21 0.00	92.54 4.32 0.00	66.10 2.97 0.00	59.75 2.68 0.00	50.75 2.32 0.00	44.04 1.94 0.00	39.40 1.80 0.00
ATHENS_STG_3 23677	38.41 1.83 0.00	33.62 1.60 0.00	33.23 1.57 -0.23	31.79 1.51 -0.05	31.87 1.48 -0.22	33.78 1.57 -0.12	34.67 1.62 0.00	38.35 1.84 -0.43	40.51 1.96 0.00	43.08 2.06 -0.67	45.58 2.21 0.00	52.87 2.56 0.00	56.69 2.75 0.00	59.53 2.78 0.00	66.71 3.24 0.00	81.18 3.93 -1.68	83.96 4.22 0.00	103.63 5.21 0.00	92.54 4.32 0.00	66.10 2.97 0.00	59.75 2.68 0.00	50.75 2.32 0.00	44.04 1.94 0.00	39.40 1.80 0.00
AUBURN___LFGE 323710	37.92 0.26 -1.08	32.91 0.16 -0.73	32.29 0.09 -0.76	30.85 0.06 -0.56	30.76 0.03 -0.55	33.20 0.13 -0.98	34.26 0.20 -1.01	37.60 0.22 -1.30	40.31 0.27 -1.49	42.31 0.28 -1.67	45.37 0.26 -1.73	52.98 0.30 -2.37	56.68 0.38 -2.36	59.70 0.51 -2.44	66.68 0.38 -2.83	80.27 0.38 -4.32	84.26 0.32 -4.20	104.95 0.39 -6.14	94.14 0.88 -5.04	65.85 0.76 -1.96	59.99 0.86 -2.07	50.77 0.63 -1.72	43.96 0.72 -1.14	38.98 0.45 -0.93
BABYLON_RES_REC 323704	43.71 3.99 -3.14	42.97 3.49 -7.45	42.12 3.17 -7.51	41.34 3.05 -8.06	41.28 2.99 -8.12	41.58 3.18 -6.31	41.75 3.60 -5.10	42.31 4.15 -2.08	42.98 4.32 -0.11	44.94 4.00 -0.59	48.39 4.73 -0.29	66.53 5.39 -10.84	71.36 5.93 -11.49	81.34 6.13 -18.46	94.37 7.11 -23.78	128.56 8.91 -44.08	157.97 9.64 -68.59	160.22 11.90 -49.90	126.91 10.05 -28.64	82.89 6.50 -13.26	67.77 5.48 -5.22	58.89 4.80 -5.67	46.54 4.21 -0.22	41.47 3.87 -0.01
BABYLON__69_KV_BK2 356345	44.51 4.79 -3.13	43.66 4.20 -7.44	42.84 3.90 -7.50	42.00 3.72 -8.05	41.94 3.65 -8.11	42.28 3.88 -6.30	42.50 4.36 -5.09	43.06 4.91 -2.07	43.97 5.32 -0.11	45.87 4.92 -0.59	50.04 5.77 -0.90	77.57 6.69 -20.57	81.74 7.28 -20.52	92.52 7.66 -28.11	103.83 8.82 -31.54	152.04 10.88 -65.59	177.28 11.72 -85.83	178.40 14.57 -65.42	151.61 12.53 -50.86	112.51 8.27 -41.11	80.33 7.08 -16.19	72.09 6.10 -17.56	48.01 5.22 -0.69	42.34 4.74 -0.01
BALL_HILL_WT_PWR 323825	35.81 -0.77 0.00	30.97 -1.06 0.00	29.99 -1.48 -0.03	29.12 -1.12 -0.01	28.82 -1.39 -0.03	30.79 -1.32 -0.02	31.86 -1.19 0.00	34.59 -1.55 -0.06	36.98 -1.54 0.03	38.50 -1.94 -0.08	41.34 -2.04 0.00	47.17 -2.92 0.22	50.45 -2.91 0.58	53.80 -2.21 0.74	58.92 -3.30 1.25	69.63 -4.61 1.33	73.00 -4.78 1.95	91.30 -5.61 1.51	83.16 -3.53 1.52	59.47 -1.96 1.70	54.24 -2.17 0.66	47.02 -1.41 0.00	41.68 -0.42 0.00	37.41 -0.19 0.00
BARON_WINDS___WT_PWR 323822	36.74 -0.11 -0.27	31.88 -0.32 -0.18	30.97 -0.69 -0.22	29.86 -0.51 -0.15	29.62 -0.72 -0.17	31.74 -0.61 -0.26	32.81 -0.49 -0.25	35.89 -0.58 -0.39	38.32 -0.58 -0.35	39.98 -0.89 -0.51	42.85 -0.95 -0.43	49.29 -1.46 -0.44	52.63 -1.51 -0.20	55.73 -1.13 -0.12	61.57 -1.78 0.12	73.37 -2.49 -0.30	76.69 -2.79 0.26	95.68 -3.25 -0.52	86.77 -1.68 -0.24	61.73 -0.75 0.64	56.28 -0.85 -0.07	48.52 -0.34 -0.42	42.55 0.17 -0.28	37.94 0.11 -0.23
BARRETT_IC_1 23704	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT_IC_10 23701	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT_IC_11 23702	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT_IC_12 23703	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT_IC_2 23705	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT_IC_3 23706	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT_IC_4 23707	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01

BARRETT_IC_5 23708	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT_IC_6 23709	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT_IC_7 23710	43.66 3.95 -3.13	42.92 3.46 -7.44	42.11 3.18 -7.50	41.33 3.05 -8.05	41.28 2.99 -8.11	41.54 3.14 -6.30	41.61 3.47 -5.09	42.12 3.97 -2.07	43.05 4.39 -0.11	45.02 4.08 -0.59	47.88 4.51 0.00	61.88 5.38 -6.19	67.00 5.88 -7.17	76.39 5.79 -13.85	90.28 6.73 -20.08	107.53 8.39 -23.57	131.19 9.01 -42.44	134.20 11.22 -24.57	105.30 9.26 -7.83	69.32 6.19 0.00	62.49 5.42 0.00	53.22 4.79 0.00	46.40 4.29 0.00	41.54 3.95 0.00
BARRETT_IC_8 23711	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT_IC_9 23700	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT___1 23545	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BARRETT___2 23546	43.72 3.99 -3.15	42.97 3.49 -7.46	42.13 3.17 -7.52	41.34 3.05 -8.06	41.28 2.99 -8.12	41.55 3.15 -6.31	41.62 3.47 -5.10	42.20 4.04 -2.08	42.94 4.28 -0.11	44.98 4.03 -0.59	47.88 4.51 0.00	61.89 5.39 -6.20	67.01 5.88 -7.18	76.39 5.79 -13.85	90.28 6.72 -20.08	107.53 8.39 -23.58	131.19 9.01 -42.45	134.21 11.21 -24.58	105.29 9.26 -7.82	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.80 0.00	46.41 4.30 -0.01	41.55 3.95 -0.01
BATAVIA__115KV_TB1 55881	35.92 -0.66 0.00	31.13 -0.90 0.00	30.39 -1.07 -0.03	29.21 -1.03 -0.01	29.05 -1.15 -0.03	30.98 -1.12 -0.01	31.90 -1.16 0.00	34.62 -1.52 -0.05	36.78 -1.73 0.03	38.37 -2.06 -0.07	41.42 -1.95 0.00	47.65 -2.41 0.24	50.86 -2.43 0.65	53.94 -1.99 0.83	58.72 -3.36 1.39	69.63 -4.38 1.55	72.93 -4.62 2.18	91.22 -5.51 1.69	83.34 -3.18 1.70	59.40 -1.83 1.90	55.07 -1.26 0.74	47.02 -1.40 0.00	41.60 -0.51 0.00	37.60 0.00 0.00
BAYONEEC___CTG1 323682	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00
BAYONEEC___CTG10 323750	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00
BAYONEEC___CTG2 323683	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00
BAYONEEC___CTG3 323684	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00
BAYONEEC___CTG4 323685	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00
BAYONEEC___CTG5 323686	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00
BAYONEEC___CTG6 323687	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00

BAYONEEC___CTG7 323688	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00
BAYONEEC___CTG8 323689	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00
BAYONEEC___CTG9 323749	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.88 4.51 0.00	50.04 5.18 5.45	49.39 5.66 10.22	48.24 5.73 14.24	57.56 6.60 12.51	79.48 8.31 4.39	83.60 9.01 5.15	104.47 11.12 5.06	79.04 9.09 18.27	53.20 6.00 15.93	45.56 5.14 16.64	44.86 4.60 8.17	44.90 4.00 1.21	41.35 3.76 0.00
BEACON___LESR 323632	38.45 1.86 0.00	33.66 1.63 0.00	33.17 1.48 -0.26	31.71 1.42 -0.06	31.81 1.39 -0.25	33.77 1.54 -0.14	34.67 1.62 0.00	38.30 1.73 -0.48	40.44 1.89 0.00	43.13 2.02 -0.76	45.54 2.17 0.00	52.67 2.37 0.00	30.06 2.48 26.36	7.57 2.56 51.74	1.84 2.92 64.55	-8.13 3.70 87.40	-9.46 3.91 93.11	1.59 4.92 101.74	89.92 4.32 2.62	66.16 3.03 0.00	59.75 2.68 0.00	50.66 2.23 0.00	44.12 2.02 0.00	39.36 1.77 0.00
BEAVER RIVER___HYD 24048	36.83 -0.44 -0.68	32.10 -0.38 -0.46	31.50 -0.41 -0.47	30.07 -0.45 -0.29	29.92 -0.45 -0.20	32.35 -0.35 -0.62	33.43 -0.27 -0.64	36.49 -0.40 -0.81	38.99 -0.50 -0.94	40.78 -0.60 -1.03	43.31 -0.78 -0.72	49.05 -0.90 0.35	52.77 -1.03 0.15	55.66 -1.02 0.07	57.00 -1.08 5.39	68.17 -1.36 6.04	71.28 -1.36 7.10	87.76 -1.58 9.07	80.21 -0.88 7.12	63.12 -0.13 -0.12	58.22 -0.06 -1.21	48.51 -0.19 -0.27	42.40 -0.42 -0.72	35.48 -0.53 1.58
BEEBEE_GT_13 23619	36.00 -0.59 0.00	31.32 -0.70 0.00	30.67 -0.79 -0.02	29.42 -0.82 -0.01	29.32 -0.88 -0.02	31.23 -0.87 -0.01	32.16 -0.89 0.00	35.11 -1.01 -0.04	37.24 -1.27 0.04	39.17 -1.25 -0.07	42.07 -1.30 0.00	48.69 -1.36 0.26	51.95 -1.29 0.70	54.78 -1.08 0.89	60.00 -1.97 1.50	71.28 -2.57 1.72	74.59 -2.79 2.35	93.25 -3.35 1.82	84.44 -1.94 1.84	59.94 -1.14 2.05	55.58 -0.68 0.80	47.41 -1.02 0.00	41.64 -0.46 0.00	37.29 -0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.00 4.28 -3.13	35.82 3.68 -0.11	34.95 3.30 -0.22	33.46 3.17 -0.06	33.49 3.11 -0.21	35.51 3.31 -0.12	36.80 3.73 -0.02	43.60 4.33 -3.19	43.29 4.74 0.00	45.71 4.76 -0.59	48.53 5.16 0.00	56.14 5.84 0.00	64.48 6.37 -4.17	92.51 6.47 -29.29	79.42 7.43 -8.52	129.93 9.29 -45.07	95.29 10.05 -5.51	116.83 12.40 -6.02	98.67 10.23 -0.23	77.66 6.82 -7.72	81.39 6.11 -18.22	96.17 5.38 -42.37	46.86 4.76 0.00	42.14 4.44 -0.11
BETHLEHEM___GRP 23843	37.72 1.13 0.00	33.05 1.02 0.00	32.63 0.94 -0.26	31.16 0.88 -0.06	31.30 0.88 -0.25	33.19 0.96 -0.14	34.04 0.99 0.00	37.58 1.01 -0.48	39.74 1.20 0.00	42.36 1.25 -0.76	44.72 1.34 0.00	51.77 1.46 0.00	39.80 1.46 15.60	27.67 1.53 30.61	27.12 1.84 38.19	26.98 2.34 50.93	27.12 2.47 55.09	41.07 2.85 60.20	89.13 2.47 1.56	64.83 1.70 0.00	58.55 1.48 0.00	49.69 1.26 0.00	43.28 1.18 0.00	38.65 1.05 0.00
BETHLEHEM___GS1 323560	37.72 1.14 0.00	33.05 1.02 0.00	32.60 0.91 -0.26	31.19 0.91 -0.06	31.30 0.88 -0.25	33.19 0.96 -0.14	34.04 0.99 0.00	37.61 1.05 -0.48	39.70 1.16 0.00	42.36 1.25 -0.76	44.72 1.35 0.00	51.77 1.46 0.00	39.80 1.46 15.60	27.67 1.53 30.61	27.12 1.84 38.19	26.98 2.35 50.93	27.12 2.47 55.09	41.07 2.86 60.20	89.26 2.47 1.42	64.83 1.71 0.00	58.55 1.48 0.00	49.68 1.26 0.00	43.28 1.18 0.00	38.65 1.05 0.00
BETHLEHEM___GS2 323561	37.72 1.14 0.00	33.05 1.02 0.00	32.60 0.91 -0.26	31.19 0.91 -0.06	31.30 0.88 -0.25	33.19 0.96 -0.14	34.04 0.99 0.00	37.61 1.05 -0.48	39.70 1.16 0.00	42.36 1.25 -0.76	44.72 1.35 0.00	51.77 1.46 0.00	39.80 1.46 15.60	27.67 1.53 30.61	27.12 1.84 38.19	26.98 2.35 50.93	27.12 2.47 55.09	41.07 2.86 60.20	89.26 2.47 1.42	64.83 1.71 0.00	58.55 1.48 0.00	49.68 1.26 0.00	43.28 1.18 0.00	38.65 1.05 0.00
BETHLEHEM___GS3 323562	37.72 1.14 0.00	33.05 1.02 0.00	32.60 0.91 -0.26	31.19 0.91 -0.06	31.30 0.88 -0.25	33.19 0.96 -0.14	34.04 0.99 0.00	37.61 1.05 -0.48	39.70 1.16 0.00	42.36 1.25 -0.76	44.72 1.35 0.00	51.77 1.46 0.00	39.80 1.46 15.60	27.67 1.53 30.61	27.12 1.84 38.19	26.98 2.35 50.93	27.12 2.47 55.09	41.07 2.86 60.20	89.26 2.47 1.42	64.83 1.71 0.00	58.55 1.48 0.00	49.68 1.26 0.00	43.28 1.18 0.00	38.65 1.05 0.00
BETHLEHEM___STEEL 23779	35.52 -1.06 0.00	30.77 -1.25 0.00	29.96 -1.51 -0.03	28.88 -1.36 -0.01	28.73 -1.48 -0.03	30.63 -1.48 -0.02	31.57 -1.49 0.00	33.87 -2.27 -0.06	36.40 -2.12 0.03	37.53 -2.91 -0.08	41.03 -2.34 0.00	46.77 -3.32 0.22	50.01 -3.34 0.59	53.28 -2.72 0.75	58.15 -4.06 1.27	68.92 -5.29 1.36	72.17 -5.58 1.98	90.29 -6.59 1.53	82.35 -4.32 1.54	58.88 -2.53 1.72	54.00 -2.40 0.67	46.59 -1.84 0.00	41.30 -0.80 0.00	37.22 -0.38 0.00
BETHLHEM_115KV_TB1 79974	37.79 1.21 0.00	33.11 1.09 0.00	32.70 1.01 -0.26	31.25 0.97 -0.06	31.39 0.97 -0.25	33.25 1.03 -0.14	34.11 1.06 0.00	37.68 1.12 -0.48	39.82 1.27 0.00	42.44 1.33 -0.76	44.80 1.43 0.00	51.87 1.56 0.00	40.89 1.56 14.62	29.70 1.65 28.69	29.64 1.97 35.80	30.44 2.49 47.62	30.66 2.55 51.63	45.05 3.05 56.42	89.32 2.56 1.46	64.96 1.83 0.00	58.67 1.60 0.00	49.78 1.36 0.00	43.37 1.26 0.00	38.72 1.13 0.00
BETHPAGE_CC_5 323564	43.75 4.02 -3.14	43.00 3.52 -7.45	42.16 3.21 -7.51	41.40 3.11 -8.06	41.31 3.02 -8.12	41.58 3.18 -6.31	41.75 3.60 -5.10	42.34 4.18 -2.08	43.09 4.43 -0.11	45.06 4.12 -0.59	48.27 4.81 -0.08	63.51 5.68 -7.52	68.61 6.25 -8.41	78.39 6.47 -15.17	92.10 7.49 -21.14	124.61 9.29 -39.75	157.76 10.05 -67.97	160.68 12.40 -49.87	122.79 10.49 -24.08	73.74 6.82 -3.79	64.32 5.76 -1.49	55.13 5.08 -1.62	46.42 4.25 -0.06	41.62 4.02 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.63 -0.95 0.00	30.84 -1.18 0.00	30.02 -1.45 -0.03	28.97 -1.27 -0.01	28.76 -1.45 -0.03	30.69 -1.41 -0.02	31.66 -1.39 0.00	33.90 -2.24 -0.06	36.55 -1.97 0.03	37.57 -2.87 -0.08	41.20 -2.17 0.00	46.87 -3.22 0.22	50.07 -3.29 0.58	53.40 -2.61 0.74	58.29 -3.94 1.25	69.02 -5.21 1.34	72.36 -5.42 1.96	90.50 -6.40 1.51	82.46 -4.23 1.53	58.96 -2.46 1.70	54.06 -2.34 0.66	46.78 -1.65 0.00	41.47 -0.63 0.00	37.33 -0.26 0.00

BINGHAMTON___COGEN 23790	37.59 0.51 -0.50	32.74 0.38 -0.34	32.12 0.28 -0.40	30.77 0.27 -0.27	30.69 0.21 -0.31	32.89 0.32 -0.48	33.88 0.36 -0.47	36.91 0.14 -0.68	39.52 0.31 -0.67	41.33 0.08 -0.90	44.46 0.30 -0.78	51.58 0.25 -1.02	55.16 0.27 -0.95	58.21 0.51 -0.95	64.87 0.38 -1.02	77.88 0.30 -2.01	81.79 0.56 -1.50	101.83 0.89 -2.53	91.38 1.15 -2.02	64.70 1.01 -0.56	58.80 0.91 -0.82	50.04 0.82 -0.79	43.51 0.88 -0.53	38.78 0.75 -0.43
BIXINCNT_115KV_LOAD 355685	35.56 -1.02 0.00	30.81 -1.22 0.00	29.77 -1.70 -0.03	28.82 -1.42 -0.01	28.52 -1.69 -0.03	30.63 -1.48 -0.02	31.66 -1.39 0.00	33.73 -2.42 -0.06	36.75 -1.77 0.03	37.29 -3.15 -0.09	41.12 -2.26 0.00	46.63 -3.47 0.21	49.72 -3.67 0.55	53.10 -2.95 0.70	58.04 -4.25 1.18	68.21 -6.12 1.24	71.90 -5.98 1.85	89.60 -7.38 1.43	81.92 -4.85 1.44	58.68 -2.84 1.61	53.99 -2.45 0.63	46.93 -1.50 0.00	41.51 -0.59 0.00	37.45 -0.15 0.00
BLACK RIVER___HYD 24047	37.57 -0.18 -1.17	32.65 -0.16 -0.79	32.03 -0.22 -0.81	30.49 -0.30 -0.56	30.39 -0.27 -0.49	32.98 -0.16 -1.05	34.11 -0.03 -1.09	37.23 -0.22 -1.37	39.81 -0.35 -1.61	41.70 -0.40 -1.75	44.33 -0.65 -1.60	50.91 -0.75 -1.35	54.66 -0.92 -1.63	57.70 -0.85 -1.80	61.10 -0.95 1.42	73.42 -1.29 0.87	77.01 -1.28 1.45	95.32 -1.38 1.72	86.61 -0.53 1.08	65.46 0.32 -2.01	59.95 0.45 -2.42	49.86 0.15 -1.29	43.21 -0.13 -1.23	36.76 -0.34 0.49
BLACKRVR_115KV_TB2 79977	37.57 -0.18 -1.17	32.62 -0.19 -0.79	32.02 -0.22 -0.81	30.49 -0.30 -0.56	30.39 -0.27 -0.49	32.98 -0.16 -1.05	34.08 -0.07 -1.09	37.23 -0.22 -1.37	39.81 -0.35 -1.61	41.66 -0.44 -1.75	44.33 -0.65 -1.60	50.91 -0.75 -1.35	54.66 -0.92 -1.63	57.69 -0.85 -1.80	61.03 -1.02 1.42	73.42 -1.28 0.87	77.01 -1.28 1.45	95.32 -1.38 1.72	86.61 -0.53 1.08	65.52 0.38 -2.01	59.95 0.46 -2.42	49.86 0.15 -1.29	43.21 -0.13 -1.23	36.80 -0.30 0.49
BLISS_WT_PWR 323608	35.60 -0.99 0.00	30.77 -1.25 0.00	29.33 -2.14 -0.03	28.82 -1.42 -0.01	28.25 -1.96 -0.03	30.47 -1.64 -0.02	31.73 -1.32 0.00	34.49 -1.66 -0.06	36.90 -1.62 0.03	38.34 -2.10 -0.09	40.99 -2.39 0.00	46.48 -3.62 0.21	49.56 -3.83 0.55	52.93 -3.12 0.70	58.04 -4.25 1.18	67.83 -6.50 1.24	71.58 -6.30 1.85	89.11 -7.88 1.43	81.57 -5.20 1.44	58.43 -3.09 1.61	53.53 -2.91 0.63	46.78 -1.65 0.00	41.39 -0.72 0.00	37.26 -0.34 0.00
BLUESTONE___WT_PWR 323821	39.57 2.56 -0.43	34.49 2.18 -0.29	33.83 2.04 -0.36	32.40 1.94 -0.23	32.29 1.84 -0.28	34.66 2.15 -0.42	35.80 2.35 -0.40	39.68 3.07 -0.54	42.34 3.32 -0.47	44.58 3.51 -0.72	47.57 3.64 -0.56	55.20 4.17 -0.72	59.08 4.47 -0.66	62.40 5.00 -0.66	69.44 5.27 -0.70	83.13 5.97 -1.60	87.06 6.30 -1.02	107.00 6.39 -2.20	96.33 6.36 -1.76	68.76 5.11 -0.52	62.35 4.57 -0.72	52.98 3.88 -0.68	45.92 3.37 -0.45	40.82 2.86 -0.37
BLUE_CIRC_CHEM_DRP 24182	38.08 1.50 0.00	33.37 1.34 0.00	32.98 1.29 -0.25	31.53 1.24 -0.06	31.66 1.24 -0.25	33.54 1.32 -0.14	34.41 1.36 0.00	37.94 1.37 -0.48	40.09 1.54 0.00	42.64 1.53 -0.75	45.02 1.65 0.00	51.97 1.66 0.00	44.34 1.29 10.90	36.66 1.31 21.39	38.37 1.59 26.69	42.51 1.96 35.02	43.39 2.15 38.50	59.01 2.66 42.06	89.33 2.21 1.09	64.71 1.58 0.00	58.49 1.43 0.00	49.69 1.26 0.00	43.70 1.60 0.00	39.02 1.43 0.00
BOC_GAS_DRP 24189	37.90 1.32 0.00	33.21 1.18 0.00	32.85 1.16 -0.25	31.41 1.12 -0.06	31.51 1.09 -0.25	33.41 1.19 -0.14	34.24 1.19 0.00	37.83 1.26 -0.48	39.98 1.43 0.00	42.56 1.45 -0.75	44.98 1.60 0.00	52.02 1.71 0.00	46.49 1.73 9.18	40.50 1.76 18.01	43.09 2.09 22.47	48.95 2.57 29.19	50.03 2.71 32.41	66.24 3.25 35.42	90.03 2.73 0.92	65.02 1.89 0.00	58.78 1.71 0.00	49.93 1.50 0.00	43.49 1.39 0.00	38.87 1.28 0.00
BOONVILLE_115KV_TB1 79983	37.81 0.91 -0.32	33.01 0.77 -0.21	32.35 0.69 -0.22	30.97 0.60 -0.14	30.89 0.60 -0.11	33.11 0.74 -0.29	34.17 0.83 -0.30	37.32 0.87 -0.38	39.91 0.93 -0.43	41.77 0.93 -0.48	44.74 0.95 -0.41	51.65 1.11 -0.24	55.37 1.13 -0.30	58.39 1.31 -0.33	64.01 1.46 0.93	76.36 1.66 0.87	80.43 1.83 1.14	99.39 2.36 1.38	89.55 2.38 1.05	65.56 2.08 -0.34	59.61 1.94 -0.60	50.23 1.50 -0.30	43.62 1.18 -0.33	38.27 0.94 0.27
BORALEX_4TH_BRANCH 23824	39.03 2.45 0.00	34.23 2.21 0.00	33.64 1.95 -0.25	32.19 1.90 -0.06	32.38 1.96 -0.25	34.31 2.09 -0.14	35.30 2.25 0.00	39.02 2.45 -0.48	41.17 2.62 0.00	44.05 2.95 -0.75	46.54 3.17 0.00	54.03 3.72 0.00	67.70 3.88 -9.88	80.27 4.14 -19.38	92.35 4.70 -24.18	116.66 5.74 -35.35	120.68 6.06 -34.88	143.91 7.38 -38.11	95.91 6.70 -0.99	67.80 4.67 0.00	61.18 4.11 0.00	51.91 3.49 0.00	44.71 2.61 0.00	39.96 2.37 0.00
BOWLINE___1 23526	39.69 3.11 0.00	34.74 2.72 0.00	34.05 2.42 -0.19	32.63 2.36 -0.04	32.62 2.26 -0.18	34.60 2.41 -0.10	35.79 2.74 0.00	39.62 3.18 -0.36	41.82 3.27 0.00	44.27 3.35 -0.57	47.02 3.64 0.00	54.58 4.27 0.00	60.04 4.69 -1.41	64.34 4.82 -2.77	72.51 5.59 -3.45	88.80 7.03 -6.21	92.29 7.58 -4.98	113.21 9.35 -5.44	96.10 7.76 -0.12	68.31 5.18 0.00	61.46 4.39 0.00	52.25 3.82 0.00	45.35 3.24 0.00	40.68 3.08 0.00
BOWLINE___2 23595	39.69 3.11 0.00	34.74 2.72 0.00	34.05 2.42 -0.19	32.63 2.36 -0.04	32.62 2.26 -0.19	34.60 2.41 -0.10	35.79 2.74 0.00	39.62 3.18 -0.36	41.90 3.35 0.00	44.31 3.39 -0.57	47.10 3.73 0.00	54.68 4.37 0.00	60.10 4.75 -1.41	64.40 4.88 -2.77	72.64 5.71 -3.45	88.96 7.18 -6.21	92.45 7.73 -4.98	113.40 9.54 -5.44	96.19 7.85 -0.12	68.37 5.24 0.00	61.57 4.51 0.00	52.35 3.92 0.00	45.43 3.33 0.00	40.68 3.08 0.00
BRADY___115KV_TB2 356060	35.12 -1.46 0.00	30.81 -1.22 0.00	30.30 -1.13 0.00	28.96 -1.06 0.21	28.64 -1.03 0.51	31.00 -1.09 0.00	31.93 -1.12 0.00	34.85 -1.23 0.00	36.99 -1.54 0.02	38.70 -1.65 0.00	40.23 -1.91 1.23	41.99 -2.16 6.16	46.03 -2.27 5.65	48.79 -2.33 5.64	36.74 -2.60 24.13	43.15 -3.10 29.32	43.56 -3.27 32.90	51.13 -4.03 43.25	50.04 -3.62 34.56	56.28 -2.40 4.45	54.33 -2.11 0.62	43.81 -1.94 2.68	40.24 -1.85 0.01	28.79 -1.65 7.15
BRANSCOMB___SOLAR 323811	39.29 2.71 0.00	34.36 2.34 0.00	33.84 2.14 -0.26	32.31 2.03 -0.06	32.42 1.99 -0.25	34.44 2.21 -0.14	35.33 2.28 0.00	38.96 2.38 -0.50	41.21 2.66 0.00	43.88 2.75 -0.78	46.11 2.73 0.00	53.63 3.32 0.00	65.22 3.46 -7.82	75.68 3.58 -15.35	86.56 3.94 -19.15	108.86 4.84 -28.46	112.47 5.11 -27.62	135.19 6.59 -30.18	95.39 6.44 -0.73	67.80 4.67 0.00	61.35 4.28 0.00	52.06 3.63 0.00	45.05 2.95 0.00	40.11 2.52 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	44.18 4.46 -3.13	43.41 3.94 -7.44	42.62 3.68 -7.50	41.84 3.57 -8.05	41.79 3.50 -8.11	42.12 3.72 -6.30	42.37 4.23 -5.09	42.88 4.73 -2.07	43.71 5.05 -0.11	45.50 4.56 -0.59	49.58 5.29 -0.92	76.97 5.89 -20.77	81.13 6.47 -20.71	91.82 6.75 -28.32	102.98 7.81 -31.70	147.89 9.67 -62.66	170.35 10.37 -80.25	171.12 12.89 -59.81	147.10 10.94 -47.94	111.96 7.13 -41.70	79.54 6.05 -16.42	71.52 5.28 -17.82	47.48 4.67 -0.70	41.95 4.32 -0.03

BRISTLHL_115KV_TB1 79998	38.63 -0.55 -2.59	33.29 -0.48 -1.75	32.72 -0.50 -1.79	31.02 -0.54 -1.33	30.93 -0.54 -1.29	33.90 -0.51 -2.33	34.94 -0.53 -2.42	38.49 -0.61 -3.02	41.45 -0.69 -3.59	43.53 -0.69 -3.86	46.72 -0.78 -4.13	55.35 -0.91 -5.95	59.50 -0.92 -6.48	62.79 -0.85 -6.89	70.95 -1.08 -8.56	86.50 -1.36 -12.29	91.16 -1.44 -12.86	113.58 -1.77 -16.94	101.21 -1.32 -14.31	69.50 -0.82 -7.19	62.31 -0.68 -5.93	51.87 -0.68 -4.12	44.37 -0.46 -2.73	39.35 -0.49 -2.24
BROOKHAVEN___DRP 24191	44.15 4.43 -3.14	43.38 3.91 -7.45	42.52 3.58 -7.50	41.72 3.45 -8.05	41.67 3.38 -8.11	41.99 3.59 -6.30	42.21 4.07 -5.09	42.73 4.58 -2.07	43.59 4.93 -0.11	45.42 4.48 -0.59	53.17 5.47 -4.33	131.77 6.34 -75.12	132.00 6.90 -71.15	146.19 7.21 -82.23	146.85 8.38 -75.00	275.30 10.28 -189.45	278.84 10.92 -188.18	270.16 13.58 -158.16	278.44 11.64 -178.58	267.95 7.70 -197.12	141.31 6.62 -77.62	138.36 5.71 -84.22	50.20 4.80 -3.30	41.85 4.25 0.00
BROOKLYN_NAVY_YARD 23515	40.32 3.73 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.05 2.78 -0.05	33.02 2.66 -0.19	34.99 2.79 -0.11	36.33 3.27 0.00	40.36 3.90 -0.38	42.71 4.16 0.00	45.26 4.32 -0.59	48.02 4.64 0.00	55.64 5.33 0.00	61.26 5.77 -1.54	65.63 5.85 -3.03	74.05 6.79 -3.78	90.90 8.61 -6.72	94.52 9.32 -5.45	115.88 11.51 -5.96	97.79 9.44 -0.13	69.38 6.25 0.00	62.38 5.31 0.00	53.22 4.80 0.00	46.19 4.08 0.00	41.39 3.80 0.00
BROOKLYN___ARMY_DRP 323595	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
BROOKVLE_69_KV_TB1 55790	44.18 4.46 -3.13	43.34 3.87 -7.44	42.46 3.52 -7.50	41.63 3.36 -8.05	41.58 3.29 -8.11	41.89 3.50 -6.30	42.07 3.93 -5.09	42.63 4.47 -2.07	43.63 4.97 -0.11	45.75 4.80 -0.59	48.75 5.38 0.00	62.94 6.44 -6.19	68.13 7.01 -7.17	77.92 7.32 -13.85	92.00 8.44 -20.08	156.93 10.43 -70.94	216.22 11.16 -125.32	219.64 13.78 -107.45	155.05 11.64 -55.19	70.77 7.64 0.00	63.57 6.51 0.00	54.09 5.67 0.00	46.86 4.76 0.00	42.11 4.51 0.00
BROOME_2_LFGE 323671	37.67 0.58 -0.50	32.77 0.42 -0.34	32.09 0.25 -0.40	30.80 0.30 -0.27	30.69 0.21 -0.31	32.89 0.32 -0.48	33.92 0.40 -0.47	37.09 0.32 -0.68	39.60 0.39 -0.67	41.58 0.32 -0.90	44.46 0.31 -0.78	51.58 0.25 -1.02	55.16 0.27 -0.95	58.21 0.51 -0.95	64.94 0.45 -1.02	77.88 0.30 -2.01	81.80 0.56 -1.50	101.82 0.88 -2.53	91.38 1.14 -2.02	64.70 1.01 -0.56	58.74 0.86 -0.82	50.04 0.82 -0.79	43.51 0.89 -0.53	38.74 0.71 -0.43
BROOME___LFGE 323600	37.67 0.58 -0.50	32.77 0.42 -0.34	32.09 0.25 -0.40	30.80 0.30 -0.27	30.69 0.21 -0.31	32.89 0.32 -0.48	33.92 0.40 -0.47	37.09 0.32 -0.68	39.60 0.39 -0.67	41.58 0.32 -0.90	44.46 0.31 -0.78	51.58 0.25 -1.02	55.16 0.27 -0.95	58.21 0.51 -0.95	64.94 0.45 -1.02	77.88 0.30 -2.01	81.80 0.56 -1.50	101.82 0.88 -2.53	91.38 1.14 -2.02	64.70 1.01 -0.56	58.74 0.86 -0.82	50.04 0.82 -0.79	43.51 0.89 -0.53	38.74 0.71 -0.43
BROWNFLS_115KV_TB_3_5 80003	35.55 -1.50 -0.47	31.06 -1.28 -0.31	30.50 -1.26 -0.32	29.15 -1.21 -0.13	28.94 -1.21 0.03	31.29 -1.22 -0.42	32.30 -1.19 -0.44	35.30 -1.34 -0.55	37.64 -1.54 -0.64	39.41 -1.65 -0.71	41.50 -1.91 -0.04	45.62 -2.16 2.52	49.37 -2.37 2.20	52.17 -2.44 2.14	48.09 -2.73 12.66	57.29 -3.25 15.03	59.30 -3.35 17.08	71.98 -4.13 22.30	66.96 -3.53 17.73	59.41 -2.15 1.57	55.78 -1.88 -0.59	45.82 -1.79 0.81	40.82 -1.77 -0.49	32.20 -1.65 3.74
BROWNSV1_27_KV_LOAD 356125	40.68 4.10 0.00	35.61 3.59 0.00	34.84 3.21 -0.20	33.36 3.08 -0.05	33.35 2.99 -0.19	35.34 3.14 -0.11	36.69 3.64 0.00	40.68 4.22 -0.38	43.21 4.66 0.00	45.71 4.76 -0.59	48.49 5.12 0.00	56.19 5.89 0.00	61.91 6.42 -1.54	66.31 6.53 -3.03	74.81 7.55 -3.78	91.81 9.52 -6.72	95.48 10.29 -5.45	117.07 12.70 -5.96	98.87 10.50 -0.15	70.07 6.94 0.00	63.12 6.05 0.00	53.75 5.33 0.00	46.74 4.63 0.00	41.81 4.21 0.00
BURROWS___LYONSDAL 23803	37.63 0.66 -0.39	32.83 0.54 -0.26	32.21 0.50 -0.27	30.82 0.42 -0.17	30.72 0.42 -0.13	32.99 0.55 -0.35	34.04 0.63 -0.36	37.19 0.65 -0.46	39.74 0.66 -0.53	41.55 0.61 -0.59	44.45 0.61 -0.47	51.13 0.70 -0.12	54.85 0.70 -0.21	57.85 0.85 -0.25	62.62 0.95 1.80	74.74 1.06 1.88	78.62 1.20 2.31	97.10 1.57 2.89	87.74 1.76 2.24	65.13 1.70 -0.30	59.33 1.54 -0.72	49.93 1.21 -0.29	43.40 0.88 -0.41	37.75 0.68 0.53
CAITHNESS_CC_1 323624	44.08 4.35 -3.15	43.36 3.87 -7.46	42.50 3.55 -7.51	41.70 3.41 -8.06	41.65 3.35 -8.12	41.96 3.56 -6.31	42.18 4.03 -5.10	42.78 4.62 -2.08	43.36 4.70 -0.11	45.30 4.36 -0.59	53.01 5.33 -4.30	131.22 6.19 -74.73	131.52 6.80 -70.78	145.62 7.04 -81.84	146.28 8.13 -74.68	274.11 10.05 -188.49	277.75 10.69 -187.33	269.08 13.28 -157.39	277.08 11.29 -177.57	266.60 7.51 -195.96	140.56 6.33 -77.16	137.72 5.57 -83.72	50.10 4.71 -3.28	41.77 4.17 0.00
CALPINE BETH_PAGE_GT4 24209	43.77 4.06 -3.13	42.99 3.52 -7.44	42.15 3.21 -7.50	41.36 3.08 -8.05	41.31 3.02 -8.11	41.57 3.18 -6.30	41.74 3.60 -5.09	42.26 4.11 -2.07	43.20 4.55 -0.11	45.22 4.28 -0.59	48.21 4.77 -0.06	63.20 5.68 -7.21	68.26 6.20 -8.12	78.08 6.47 -14.86	91.85 7.49 -20.89	127.93 9.29 -43.07	164.21 10.05 -74.42	167.19 12.40 -56.38	126.02 10.41 -27.40	72.79 6.75 -2.91	63.98 5.76 -1.14	54.71 5.04 -1.24	46.41 4.25 -0.05	41.62 4.02 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.78 4.06 -3.14	43.03 3.55 -7.45	42.16 3.21 -7.51	41.40 3.11 -8.06	41.31 3.02 -8.12	41.58 3.18 -6.31	41.75 3.60 -5.10	42.34 4.18 -2.08	43.09 4.43 -0.11	45.02 4.07 -0.59	48.21 4.77 -0.06	63.21 5.68 -7.21	68.27 6.20 -8.13	78.09 6.47 -14.87	91.86 7.49 -20.90	127.94 9.29 -43.08	164.22 10.05 -74.43	167.20 12.40 -56.38	126.00 10.40 -27.38	72.79 6.76 -2.91	63.92 5.71 -1.14	54.71 5.04 -1.24	46.40 4.25 -0.05	41.66 4.06 0.00
CALPINE_BP_GT1 23823	43.78 4.06 -3.14	43.03 3.55 -7.45	42.16 3.21 -7.51	41.40 3.11 -8.06	41.31 3.02 -8.12	41.58 3.18 -6.31	41.75 3.60 -5.10	42.34 4.18 -2.08	43.09 4.43 -0.11	45.02 4.07 -0.59	48.21 4.77 -0.06	63.21 5.68 -7.21	68.27 6.20 -8.13	78.09 6.47 -14.87	91.86 7.49 -20.90	127.94 9.29 -43.08	164.22 10.05 -74.43	167.20 12.40 -56.38	126.00 10.40 -27.38	72.79 6.76 -2.91	63.92 5.71 -1.14	54.71 5.04 -1.24	46.40 4.25 -0.05	41.66 4.06 0.00
CALSPAN___DRP 24200	35.52 -1.06 0.00	30.77 -1.25 0.00	29.96 -1.51 -0.03	28.88 -1.36 -0.01	28.73 -1.48 -0.03	30.63 -1.48 -0.02	31.57 -1.49 0.00	33.87 -2.27 -0.06	36.40 -2.12 0.03	37.53 -2.91 -0.08	41.03 -2.34 0.00	46.77 -3.32 0.22	50.01 -3.34 0.59	53.28 -2.72 0.75	58.15 -4.06 1.27	68.92 -5.29 1.36	72.17 -5.58 1.98	90.29 -6.59 1.53	82.35 -4.32 1.54	58.88 -2.53 1.72	54.00 -2.40 0.67	46.59 -1.84 0.00	41.30 -0.80 0.00	37.22 -0.38 0.00

CALVERTON___SOLAR 323806	44.27 4.54 -3.15	43.49 4.00 -7.46	42.62 3.68 -7.51	41.82 3.54 -8.06	41.74 3.44 -8.12	42.06 3.66 -6.31	42.28 4.13 -5.10	42.88 4.73 -2.08	43.56 4.90 -0.11	45.50 4.56 -0.59	53.35 5.64 -4.34	132.20 6.59 -75.30	132.44 7.18 -71.32	146.65 7.49 -82.41	147.31 8.70 -75.14	276.09 10.66 -189.87	279.59 11.32 -188.54	270.98 14.07 -158.50	279.29 12.09 -178.99	268.82 8.08 -197.60	141.72 6.85 -77.81	138.81 5.95 -84.42	50.42 5.01 -3.31	42.00 4.40 0.00
CANDIGU_WT_PWR 323617	36.74 -0.11 -0.27	31.88 -0.32 -0.18	30.97 -0.69 -0.22	29.86 -0.51 -0.15	29.62 -0.72 -0.17	31.74 -0.61 -0.26	32.81 -0.49 -0.25	35.89 -0.58 -0.39	38.32 -0.58 -0.35	39.98 -0.89 -0.51	42.85 -0.95 -0.43	49.29 -1.46 -0.44	52.63 -1.51 -0.20	55.73 -1.13 -0.12	61.57 -1.78 0.12	73.37 -2.49 -0.30	76.69 -2.79 0.26	95.68 -3.25 -0.52	86.77 -1.68 -0.24	61.73 -0.75 0.64	56.28 -0.85 -0.07	48.52 -0.34 -0.42	42.55 0.17 -0.28	37.94 0.11 -0.23
CARR STREET_E_SYR 24060	37.02 -0.25 -0.69	32.30 -0.19 -0.47	31.71 -0.22 -0.49	30.31 -0.27 -0.36	30.22 -0.30 -0.35	32.46 -0.26 -0.63	33.47 -0.23 -0.65	36.59 -0.33 -0.83	39.18 -0.31 -0.94	41.10 -0.32 -1.07	44.09 -0.39 -1.11	51.28 -0.45 -1.42	54.73 -0.49 -1.28	57.62 -0.39 -1.26	64.27 -0.51 -1.31	76.96 -0.76 -2.15	80.76 -0.88 -1.90	100.67 -1.08 -3.34	90.13 -0.71 -2.63	63.27 -0.44 -0.58	57.79 -0.34 -1.06	49.19 -0.34 -1.10	42.67 -0.17 -0.73	37.93 -0.26 -0.60
CARTHAGE___PAPER 23857	37.16 -0.40 -0.98	32.33 -0.35 -0.66	31.74 -0.38 -0.68	30.23 -0.45 -0.46	30.13 -0.42 -0.38	32.65 -0.32 -0.88	33.77 -0.20 -0.92	36.87 -0.36 -1.15	39.40 -0.50 -1.35	41.22 -0.60 -1.47	43.81 -0.83 -1.26	50.11 -0.90 -0.70	53.83 -1.08 -0.96	56.83 -1.02 -1.10	59.42 -1.14 2.91	71.32 -1.44 2.81	74.74 -1.43 3.57	92.33 -1.58 4.51	84.06 -0.80 3.36	64.53 0.06 -1.34	59.22 0.17 -1.98	49.28 -0.05 -0.90	42.84 -0.29 -1.03	36.19 -0.49 0.91
CASSADAGA_WT_PWR 323784	35.93 -0.66 0.00	30.97 -1.06 0.00	29.90 -1.57 -0.03	29.06 -1.18 -0.01	28.70 -1.51 -0.03	30.82 -1.28 -0.02	31.99 -1.06 0.00	34.95 -1.19 -0.06	37.40 -1.12 0.03	38.99 -1.45 -0.08	41.90 -1.47 0.00	47.73 -2.36 0.21	51.06 -2.32 0.57	54.62 -1.42 0.72	59.72 -2.54 1.21	70.44 -3.85 1.27	73.94 -3.91 1.89	92.62 -4.33 1.46	84.45 -2.29 1.48	60.54 -0.95 1.65	55.28 -1.14 0.64	48.14 -0.29 0.00	42.69 0.59 0.00	38.46 0.87 0.00
CE_DUNWOOD___DRP 24194	39.95 3.37 0.00	34.97 2.95 0.00	34.28 2.64 -0.20	32.81 2.54 -0.05	32.84 2.47 -0.19	34.80 2.60 -0.11	36.06 3.01 0.00	39.92 3.46 -0.38	42.37 3.82 0.00	44.78 3.83 -0.59	47.58 4.21 0.00	55.19 4.88 0.00	60.77 5.29 -1.54	65.16 5.39 -3.02	73.59 6.35 -3.77	90.20 7.93 -6.70	93.70 8.53 -5.44	114.88 10.53 -5.94	97.10 8.73 -0.15	68.94 5.81 0.00	62.09 5.02 0.00	52.79 4.36 0.00	45.81 3.71 0.00	41.02 3.42 0.00
CE_MILLWOOD___DRP 24193	39.84 3.26 0.00	34.87 2.85 0.00	34.18 2.55 -0.20	32.72 2.45 -0.05	32.78 2.41 -0.19	34.73 2.54 -0.11	35.96 2.91 0.00	39.78 3.32 -0.38	42.21 3.66 0.00	44.65 3.71 -0.59	47.41 4.03 0.00	54.99 4.68 0.00	60.59 5.12 -1.53	64.96 5.22 -2.99	73.36 6.16 -3.73	89.84 7.63 -6.65	93.34 8.21 -5.39	114.44 10.14 -5.89	96.84 8.47 -0.15	68.75 5.62 0.00	61.92 4.85 0.00	52.64 4.21 0.00	45.68 3.58 0.00	40.90 3.31 0.00
CE_NYC2_DRP 24202	40.47 3.88 -0.01	35.43 3.39 -0.01	34.62 2.99 -0.20	33.18 2.90 -0.05	33.17 2.81 -0.19	35.15 2.95 -0.11	36.46 3.40 0.00	40.82 3.97 -0.77	42.91 4.36 0.00	45.34 4.40 -0.59	48.01 4.64 0.00	55.49 5.18 0.00	61.09 5.61 -1.54	65.45 5.67 -3.02	73.72 6.47 -3.77	90.53 8.24 -6.72	94.04 8.85 -5.45	115.30 10.92 -5.96	97.27 8.91 -0.15	64.95 5.87 4.05	57.58 5.19 4.68	53.08 4.65 0.00	46.27 4.17 0.00	41.55 3.95 -0.01
CE_NYC_DRP 24195	40.32 3.73 0.00	35.29 3.27 0.00	34.53 2.89 -0.20	33.09 2.81 -0.05	33.08 2.72 -0.19	35.05 2.86 -0.11	36.39 3.34 0.00	40.32 3.86 -0.38	42.87 4.32 0.00	45.30 4.36 -0.59	48.06 4.68 0.00	55.69 5.38 0.00	61.31 5.83 -1.54	65.68 5.90 -3.03	74.11 6.86 -3.78	90.90 8.61 -6.72	94.52 9.33 -5.45	115.89 11.51 -5.96	97.72 9.35 -0.15	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.79 0.00	46.23 4.13 0.00	41.39 3.80 0.00
CHAFFEE___LFGE 323603	35.81 -0.77 0.00	30.97 -1.06 0.00	29.96 -1.51 -0.03	29.12 -1.12 -0.01	28.79 -1.42 -0.03	30.76 -1.35 -0.02	31.86 -1.19 0.00	34.56 -1.59 -0.06	36.94 -1.58 0.03	38.46 -1.98 -0.08	41.25 -2.12 0.00	46.93 -3.17 0.21	50.19 -3.18 0.57	53.59 -2.44 0.73	58.70 -3.55 1.22	69.28 -4.99 1.30	72.64 -5.18 1.92	90.74 -6.20 1.48	82.75 -3.97 1.49	59.13 -2.33 1.67	53.85 -2.57 0.65	46.83 -1.60 0.00	41.47 -0.63 0.00	37.22 -0.38 0.00
CHATEAUG_35_KV_LOAD 355732	35.38 -1.21 0.00	31.03 -0.99 0.00	30.56 -0.88 0.00	29.46 -0.76 0.02	29.41 -0.72 0.04	31.32 -0.77 0.00	32.23 -0.83 0.00	35.25 -0.83 0.00	37.45 -1.08 0.02	39.10 -1.25 0.00	40.71 -1.34 1.32	42.12 -1.61 6.58	46.07 -1.83 6.04	48.57 -2.16 6.02	35.28 -2.41 25.79	41.51 -2.72 31.33	41.86 -2.71 35.16	48.94 -3.25 46.22	48.37 -2.91 36.94	56.04 -2.34 4.75	54.35 -2.05 0.67	43.82 -1.74 2.87	40.62 -1.47 0.01	28.56 -1.39 7.64
CHATEAUG_WT_PWR 323614	35.12 -1.46 0.00	30.81 -1.22 0.00	30.33 -1.10 0.00	29.26 -0.97 0.00	29.24 -0.94 0.00	31.32 -0.77 0.00	32.49 -0.56 0.00	35.54 -0.54 0.00	37.83 -0.69 0.02	39.38 -0.97 0.00	41.21 -0.83 1.34	42.48 -1.16 6.68	46.36 -1.45 6.13	48.48 -2.16 6.11	34.58 -2.73 26.17	41.28 -2.49 31.80	41.42 -2.63 35.69	48.26 -3.25 46.91	47.90 -2.83 37.48	55.97 -2.33 4.83	54.34 -2.05 0.68	43.97 -1.55 2.91	41.05 -1.05 0.01	28.56 -1.28 7.76
CHAT_HIGH_FALL_HYD 323578	35.38 -1.21 0.00	31.03 -0.99 0.00	30.56 -0.88 0.00	29.46 -0.76 0.02	29.41 -0.72 0.04	31.32 -0.77 0.00	32.23 -0.83 0.00	35.25 -0.83 0.00	37.45 -1.08 0.02	39.10 -1.25 0.00	40.71 -1.34 1.32	42.12 -1.61 6.58	46.07 -1.83 6.04	48.57 -2.16 6.02	35.28 -2.41 25.79	41.51 -2.72 31.33	41.86 -2.71 35.16	48.94 -3.25 46.22	48.37 -2.91 36.94	56.04 -2.34 4.75	54.35 -2.05 0.67	43.82 -1.74 2.87	40.62 -1.47 0.01	28.56 -1.39 7.64
CHAUTAUQUA___LFGE 323629	36.00 -0.59 0.00	31.13 -0.90 0.00	30.12 -1.35 -0.03	29.24 -1.00 -0.01	28.91 -1.30 -0.03	30.95 -1.15 -0.02	32.06 -0.99 0.00	34.91 -1.23 -0.06	37.32 -1.20 0.03	38.86 -1.57 -0.08	41.73 -1.65 0.00	47.68 -2.41 0.21	51.00 -2.37 0.58	54.43 -1.59 0.73	59.64 -2.61 1.23	70.49 -3.78 1.31	73.91 -3.91 1.93	92.50 -4.43 1.49	84.34 -2.38 1.50	60.32 -1.13 1.68	55.04 -1.37 0.65	47.75 -0.68 0.00	42.32 0.21 0.00	37.93 0.34 0.00
CHERRYST_13_KV_LD 356241	40.46 3.88 0.00	35.42 3.39 0.00	34.65 3.02 -0.20	33.21 2.93 -0.05	33.20 2.84 -0.19	35.18 2.98 -0.11	36.52 3.47 0.00	40.50 4.04 -0.38	43.06 4.51 0.00	45.55 4.60 -0.59	48.32 4.94 0.00	55.99 5.68 0.00	61.69 6.20 -1.54	66.08 6.30 -3.03	74.49 7.24 -3.78	91.43 9.14 -6.72	95.08 9.89 -5.45	116.48 12.10 -5.96	98.25 9.88 -0.15	69.63 6.50 0.00	62.72 5.65 0.00	53.42 4.99 0.00	46.40 4.29 0.00	41.54 3.95 0.00

CHESTROR_138KV_BK263 355645	39.29 2.71 0.00	34.39 2.37 0.00	33.75 2.14 -0.18	32.33 2.06 -0.04	32.37 2.02 -0.17	34.31 2.12 -0.10	35.43 2.38 0.00	39.13 2.71 -0.34	41.52 2.97 0.00	43.84 2.95 -0.54	46.63 3.25 0.00	54.08 3.77 0.00	59.31 4.15 -1.22	63.39 4.26 -2.39	71.47 5.01 -2.98	87.31 6.27 -5.48	90.81 6.78 -4.30	111.47 8.37 -4.70	95.31 6.97 -0.12	67.80 4.67 0.00	61.12 4.05 0.00	51.91 3.49 0.00	45.05 2.95 0.00	40.30 2.71 0.00
CH_MIDHUDSON___DRP 24192	39.69 3.11 0.00	34.78 2.75 0.00	34.12 2.48 -0.20	32.66 2.39 -0.05	32.73 2.35 -0.20	34.67 2.47 -0.11	35.83 2.78 0.00	39.57 3.10 -0.39	41.98 3.43 0.00	44.43 3.47 -0.60	47.19 3.82 0.00	54.74 4.43 0.00	60.03 4.85 -1.23	64.16 4.99 -2.41	72.32 5.84 -3.01	88.51 7.25 -5.69	91.89 7.81 -4.34	112.90 9.74 -4.75	96.45 8.12 -0.12	68.62 5.49 0.00	61.80 4.74 0.00	52.54 4.12 0.00	45.51 3.41 0.00	40.72 3.12 0.00
CH_MISC_IPPS 23765	40.02 3.44 0.00	35.03 3.01 0.00	34.34 2.70 -0.20	32.90 2.63 -0.05	32.90 2.53 -0.19	34.86 2.66 -0.11	36.03 2.98 0.00	39.82 3.36 -0.38	42.13 3.59 0.00	44.62 3.67 -0.59	47.41 4.03 0.00	54.99 4.68 0.00	60.28 5.23 -1.10	64.25 5.33 -2.17	72.46 6.29 -2.70	88.65 7.86 -5.23	92.25 8.61 -3.90	113.30 10.63 -4.26	97.22 8.91 -0.10	69.19 6.06 0.00	62.31 5.25 0.00	52.88 4.45 0.00	45.85 3.75 0.00	41.05 3.46 0.00
CH_RES_BVR_FALLS 23983	35.93 -0.66 0.00	31.45 -0.58 0.00	30.87 -0.56 0.00	29.69 -0.54 -0.01	29.67 -0.51 -0.01	31.54 -0.55 0.00	32.49 -0.56 0.00	35.00 -1.08 0.00	37.36 -1.16 0.04	39.14 -1.21 0.00	40.02 -1.26 2.10	38.36 -1.46 10.49	42.75 -1.57 9.63	45.50 -1.65 9.60	20.51 -1.84 41.12	23.41 -2.19 49.97	21.35 -2.31 56.07	21.85 -2.86 73.71	26.76 -2.56 58.90	53.71 -1.83 7.58	54.41 -1.60 1.06	42.50 -1.36 4.57	40.87 -1.22 0.01	24.36 -1.05 12.19
CH_RES_NIAGARA 23895	34.13 -2.45 0.00	29.56 -2.47 0.00	28.95 -2.51 -0.03	27.82 -2.42 -0.01	27.76 -2.44 -0.03	29.47 -2.63 -0.02	30.28 -2.78 0.00	32.60 -3.54 -0.05	34.62 -3.89 0.03	36.10 -4.32 -0.07	39.04 -4.34 0.00	44.94 -5.13 0.24	47.97 -5.34 0.63	51.01 -4.94 0.80	55.58 -6.54 1.36	65.69 -8.39 1.49	68.76 -8.85 2.12	86.04 -10.73 1.64	78.62 -7.94 1.66	56.17 -5.11 1.85	51.84 -4.51 0.72	44.36 -4.07 0.00	39.45 -2.65 0.00	35.68 -1.92 0.00
CH_RES_SYRACUSE 23985	37.91 0.07 -1.26	32.90 0.03 -0.85	32.28 -0.03 -0.88	30.79 -0.09 -0.65	30.69 -0.12 -0.64	33.19 -0.03 -1.14	34.19 -0.03 -1.17	37.57 0.00 -1.49	40.28 0.00 -1.73	42.30 0.04 -1.91	45.12 -0.26 -2.00	52.75 -0.35 -2.79	56.50 -0.32 -2.88	59.53 -0.23 -3.01	66.68 -0.38 -3.58	80.30 -0.61 -5.34	84.37 -0.72 -5.35	105.05 -0.89 -7.52	93.93 -0.53 -6.24	65.52 -0.31 -2.71	59.47 -0.17 -2.57	50.28 -0.14 -2.00	43.64 0.21 -1.32	38.76 0.08 -1.09
CLINTON_WT_PWR 323605	35.12 -1.46 0.00	30.81 -1.22 0.00	30.33 -1.10 0.00	29.26 -0.97 0.00	29.24 -0.94 0.00	31.32 -0.77 0.00	32.49 -0.56 0.00	35.54 -0.54 0.00	37.83 -0.69 0.02	39.38 -0.97 0.00	41.21 -0.83 1.34	42.48 -1.16 6.68	46.36 -1.45 6.13	48.48 -2.16 6.11	34.58 -2.73 26.17	41.28 -2.49 31.80	41.42 -2.63 35.69	48.26 -3.25 46.91	47.90 -2.83 37.48	55.97 -2.33 4.83	54.34 -2.05 0.68	43.97 -1.55 2.91	41.05 -1.05 0.01	28.56 -1.28 7.76
CLINTON___LFGE 323618	35.30 -1.28 0.00	31.00 -1.03 0.00	30.52 -0.91 0.00	29.44 -0.79 0.00	29.41 -0.75 0.01	31.41 -0.68 0.00	32.59 -0.46 0.00	35.61 -0.47 0.00	37.91 -0.62 0.02	39.47 -0.89 0.00	41.17 -0.87 1.33	42.59 -1.06 6.66	46.59 -1.24 6.11	48.83 -1.82 6.10	35.21 -2.16 26.11	41.73 -2.12 31.72	41.99 -2.15 35.60	49.06 -2.56 46.80	48.62 -2.20 37.40	56.29 -2.02 4.81	54.74 -1.66 0.67	44.17 -1.36 2.90	41.17 -0.93 0.01	28.88 -0.98 7.74
COBBLENY_34_KV_TB1 80064	35.63 -0.95 0.00	30.87 -1.15 0.00	30.02 -1.45 -0.03	28.97 -1.27 -0.01	28.79 -1.42 -0.03	30.73 -1.38 -0.02	31.66 -1.39 0.00	33.98 -2.16 -0.06	36.59 -1.93 0.03	37.65 -2.78 -0.08	41.25 -2.13 0.00	46.93 -3.17 0.21	50.19 -3.18 0.57	53.58 -2.44 0.73	58.50 -3.74 1.22	69.28 -4.99 1.30	72.64 -5.18 1.92	90.73 -6.20 1.48	82.75 -3.97 1.49	59.13 -2.34 1.67	54.19 -2.23 0.65	46.83 -1.60 0.00	41.47 -0.63 0.00	37.33 -0.26 0.00
COFFEEN___115KV_TB3 355620	37.93 0.15 -1.20	32.93 0.10 -0.81	32.30 0.03 -0.83	30.75 -0.06 -0.58	30.62 -0.06 -0.51	33.27 0.10 -1.08	34.41 0.23 -1.12	37.52 0.04 -1.41	40.13 -0.08 -1.66	41.99 -0.16 -1.80	44.65 -0.39 -1.66	51.38 -0.40 -1.47	55.16 -0.54 -1.75	58.22 -0.45 -1.92	61.68 -0.63 1.16	74.21 -0.83 0.52	77.94 -0.72 1.07	96.50 -0.69 1.22	87.72 0.18 0.67	66.27 1.01 -2.13	60.66 1.08 -2.50	50.42 0.63 -1.36	43.66 0.29 -1.26	37.22 0.04 0.42
COLDSPRG_115KV_BK1 355956	36.47 -0.11 0.00	31.51 -0.51 0.00	30.59 -0.88 -0.03	29.54 -0.70 -0.01	29.30 -0.91 -0.03	31.47 -0.64 -0.02	32.56 -0.50 0.00	35.06 -1.08 -0.06	38.06 -0.46 0.03	38.79 -1.65 -0.09	42.72 -0.65 0.00	48.39 -1.71 0.21	51.78 -1.62 0.55	55.43 -0.62 0.70	60.46 -1.84 1.18	71.47 -2.87 1.23	75.02 -2.87 1.84	93.74 -3.25 1.42	85.37 -1.41 1.43	61.21 -0.32 1.60	56.10 -0.34 0.62	48.72 0.29 0.00	43.11 1.01 0.00	38.87 1.28 0.00
COLONIE_LFGE___ 323577	38.67 2.08 0.00	33.88 1.86 0.00	33.36 1.66 -0.26	31.89 1.60 -0.06	32.05 1.63 -0.25	33.99 1.76 -0.14	34.87 1.82 0.00	38.56 1.98 -0.49	40.71 2.16 0.00	43.46 2.34 -0.77	45.84 2.47 0.00	53.23 2.92 0.00	68.45 3.02 -11.49	82.48 3.18 -22.55	95.23 3.62 -28.14	120.89 4.46 -40.86	125.03 4.70 -40.59	148.57 5.80 -44.35	94.55 5.29 -1.04	66.85 3.72 0.00	60.38 3.31 0.00	51.23 2.81 0.00	44.33 2.23 0.00	39.59 1.99 0.00
COOPERNY_115KV_TB1 80082	38.56 1.98 0.00	33.72 1.70 0.00	33.14 1.57 -0.14	31.80 1.54 -0.03	31.78 1.48 -0.13	33.74 1.57 -0.07	34.80 1.75 0.00	38.29 1.95 -0.26	40.71 2.16 0.00	42.90 2.14 -0.40	45.72 2.34 0.00	53.08 2.77 0.00	56.96 3.02 0.00	59.87 3.12 0.00	67.09 3.62 0.00	81.04 4.46 -1.02	84.52 4.78 0.00	104.32 5.90 0.00	93.16 4.94 0.00	66.54 3.41 0.00	60.04 2.97 0.00	50.99 2.57 0.00	44.25 2.15 0.00	39.59 1.99 0.00
COPENHAGEN_WT_PWR 323753	37.59 -0.25 -1.26	32.65 -0.22 -0.85	32.02 -0.28 -0.87	30.51 -0.33 -0.61	30.39 -0.33 -0.54	33.00 -0.22 -1.13	34.10 -0.13 -1.18	37.27 -0.29 -1.47	39.86 -0.42 -1.74	41.76 -0.48 -1.89	44.41 -0.74 -1.77	51.18 -0.81 -1.67	54.94 -0.97 -1.96	57.98 -0.91 -2.14	61.70 -1.08 0.69	74.30 -1.36 -0.09	77.97 -1.36 0.41	96.59 -1.47 0.35	87.55 -0.71 -0.05	65.66 0.19 -2.34	60.00 0.29 -2.64	49.91 0.00 -1.49	43.22 -0.21 -1.33	36.93 -0.38 0.28
CORNELL_____ 23752	38.30 1.02 -0.69	33.29 0.80 -0.46	32.64 0.69 -0.51	31.20 0.60 -0.37	31.13 0.57 -0.39	33.47 0.74 -0.64	34.52 0.83 -0.64	37.79 0.79 -0.91	40.42 0.89 -0.99	42.30 0.77 -1.18	45.39 0.87 -1.15	52.80 0.96 -1.54	56.44 1.02 -1.47	59.50 1.25 -1.50	66.41 1.27 -1.67	79.80 1.44 -2.80	83.56 1.36 -2.46	104.23 2.17 -3.65	93.72 2.56 -2.95	66.23 2.15 -0.95	60.27 2.00 -1.20	51.17 1.65 -1.10	44.39 1.56 -0.73	39.39 1.20 -0.60

CORONA__69_KV_TB1 355595	44.03 4.32 -3.13	43.21 3.75 -7.44	42.33 3.40 -7.50	41.54 3.26 -8.05	41.49 3.20 -8.11	41.76 3.37 -6.30	41.91 3.77 -5.09	42.44 4.29 -2.07	43.40 4.74 -0.11	45.46 4.52 -0.59	48.49 5.12 0.00	62.54 6.04 -6.19	67.70 6.58 -7.17	77.36 6.75 -13.85	91.43 7.87 -20.08	131.32 9.75 -46.00	171.95 10.53 -81.69	175.23 12.99 -63.82	129.41 10.94 -30.26	70.33 7.20 0.00	63.34 6.28 0.00	54.00 5.57 0.00	46.90 4.80 0.00	41.84 4.25 0.00
CORTLAND__115KV_TB3 80093	38.11 0.84 -0.69	33.16 0.67 -0.46	32.54 0.60 -0.51	31.10 0.51 -0.36	31.03 0.48 -0.37	33.37 0.64 -0.64	34.39 0.69 -0.64	37.65 0.69 -0.88	40.28 0.77 -0.96	42.19 0.69 -1.15	45.27 0.78 -1.12	52.67 0.86 -1.51	56.38 0.97 -1.46	59.38 1.13 -1.50	66.31 1.14 -1.69	79.66 1.28 -2.80	83.60 1.36 -2.51	104.03 1.87 -3.74	93.29 2.03 -3.04	65.90 1.70 -1.06	59.91 1.60 -1.24	50.88 1.36 -1.09	44.09 1.26 -0.72	39.21 1.02 -0.60
COXSACKIE__GT 23611	39.91 3.33 0.00	34.91 2.88 0.00	34.03 2.36 -0.24	32.82 2.54 -0.05	32.76 2.36 -0.23	34.91 2.70 -0.13	35.86 2.81 0.00	39.24 2.71 -0.45	41.52 2.97 0.00	43.88 2.82 -0.71	46.32 2.95 0.00	53.12 2.82 0.00	42.27 3.24 14.91	30.77 3.29 29.27	30.95 4.00 36.52	31.96 5.14 48.75	32.96 5.90 52.67	48.82 7.97 57.56	94.06 7.32 1.48	68.43 5.30 0.00	61.98 4.91 0.00	52.30 3.88 0.00	45.81 3.71 0.00	40.71 3.12 0.00
CPV_VALLEY__CC1 323721	38.93 2.34 0.00	34.08 2.05 0.00	33.45 1.85 -0.16	32.08 1.81 -0.04	32.08 1.75 -0.16	34.01 1.83 -0.09	35.10 2.05 0.00	38.78 2.38 -0.31	41.05 2.50 0.00	43.43 2.58 -0.49	46.19 2.82 0.00	53.58 3.27 0.00	58.59 3.61 -1.04	62.47 3.69 -2.03	70.33 4.32 -2.54	85.67 5.37 -4.74	89.21 5.82 -3.66	109.59 7.18 -4.00	94.31 6.00 -0.09	67.11 3.98 0.00	60.49 3.42 0.00	51.43 3.00 0.00	44.59 2.48 0.00	39.97 2.37 0.00
CPV_VALLEY__CC2 323722	38.93 2.34 0.00	34.08 2.05 0.00	33.45 1.85 -0.16	32.08 1.81 -0.04	32.08 1.75 -0.16	34.01 1.83 -0.09	35.10 2.05 0.00	38.78 2.38 -0.31	41.05 2.50 0.00	43.43 2.58 -0.49	46.19 2.82 0.00	53.58 3.27 0.00	58.59 3.61 -1.04	62.47 3.69 -2.03	70.33 4.32 -2.54	85.67 5.37 -4.74	89.21 5.82 -3.66	109.59 7.18 -4.00	94.31 6.00 -0.09	67.11 3.98 0.00	60.49 3.42 0.00	51.43 3.00 0.00	44.59 2.48 0.00	39.97 2.37 0.00
CRESCENT__HYD 24018	38.67 2.08 0.00	33.88 1.86 0.00	33.36 1.66 -0.26	31.89 1.60 -0.06	32.05 1.63 -0.25	33.99 1.76 -0.14	34.87 1.82 0.00	38.56 1.98 -0.49	40.71 2.16 0.00	43.46 2.34 -0.77	45.84 2.47 0.00	53.23 2.92 0.00	68.45 3.02 -11.49	82.48 3.18 -22.55	95.23 3.62 -28.14	120.89 4.46 -40.86	125.03 4.70 -40.59	148.57 5.80 -44.35	94.55 5.29 -1.04	66.85 3.72 0.00	60.38 3.31 0.00	51.23 2.81 0.00	44.33 2.23 0.00	39.59 1.99 0.00
CRICKET__VALLEY_CC1 323756	39.29 2.71 0.00	34.43 2.40 0.00	33.79 2.14 -0.21	32.33 2.06 -0.05	32.43 2.05 -0.21	34.39 2.18 -0.12	35.43 2.38 0.00	39.26 2.78 -0.40	41.48 2.93 0.00	44.09 3.11 -0.63	46.80 3.43 0.00	54.28 3.97 0.00	60.38 4.26 -2.17	65.38 4.37 -4.26	73.87 5.08 -5.32	90.86 6.35 -8.95	94.18 6.77 -7.67	115.06 8.27 -8.38	95.47 7.06 -0.19	67.87 4.74 0.00	61.18 4.11 0.00	51.96 3.53 0.00	44.97 2.86 0.00	40.26 2.67 0.00
CRICKET__VALLEY_CC2 323757	39.29 2.71 0.00	34.43 2.40 0.00	33.79 2.14 -0.21	32.33 2.06 -0.05	32.43 2.05 -0.21	34.39 2.18 -0.12	35.43 2.38 0.00	39.26 2.78 -0.40	41.48 2.93 0.00	44.09 3.11 -0.63	46.80 3.43 0.00	54.28 3.97 0.00	60.38 4.26 -2.17	65.38 4.37 -4.26	73.87 5.08 -5.32	90.86 6.35 -8.95	94.18 6.77 -7.67	115.06 8.27 -8.38	95.47 7.06 -0.19	67.87 4.74 0.00	61.18 4.11 0.00	51.96 3.53 0.00	44.97 2.86 0.00	40.26 2.67 0.00
CRICKET__VALLEY_CC3 323758	39.29 2.71 0.00	34.43 2.40 0.00	33.79 2.14 -0.21	32.33 2.06 -0.05	32.43 2.05 -0.21	34.39 2.18 -0.12	35.43 2.38 0.00	39.26 2.78 -0.40	41.48 2.93 0.00	44.09 3.11 -0.63	46.80 3.43 0.00	54.28 3.97 0.00	60.38 4.26 -2.17	65.38 4.37 -4.26	73.87 5.08 -5.32	90.86 6.35 -8.95	94.18 6.77 -7.67	115.06 8.27 -8.38	95.47 7.06 -0.19	67.87 4.74 0.00	61.18 4.11 0.00	51.96 3.53 0.00	44.97 2.86 0.00	40.26 2.67 0.00
CRUCIBLE__METL_DRP 24180	37.88 0.04 -1.26	32.87 0.00 -0.85	32.25 -0.06 -0.88	30.76 -0.12 -0.65	30.66 -0.15 -0.64	33.16 -0.06 -1.14	34.19 -0.03 -1.17	37.53 -0.04 -1.49	40.24 -0.04 -1.73	42.26 0.00 -1.91	45.12 -0.26 -2.00	52.75 -0.35 -2.79	56.50 -0.32 -2.88	59.47 -0.28 -3.01	66.61 -0.44 -3.58	80.30 -0.60 -5.34	84.37 -0.72 -5.35	105.05 -0.89 -7.52	93.93 -0.53 -6.24	65.52 -0.32 -2.71	59.52 -0.11 -2.57	50.28 -0.15 -2.00	43.64 0.21 -1.32	38.76 0.08 -1.09
DAHOWA__HYDRO 323763	39.47 2.89 0.00	34.49 2.47 0.00	33.96 2.26 -0.26	32.44 2.15 -0.06	32.54 2.11 -0.25	34.57 2.34 -0.14	35.50 2.45 0.00	39.11 2.52 -0.50	41.36 2.81 0.00	44.04 2.91 -0.78	46.28 2.91 0.00	53.83 3.52 0.00	64.80 3.61 -7.25	74.72 3.74 -14.22	85.29 4.07 -17.75	107.07 4.99 -26.52	110.68 5.34 -25.60	133.37 6.99 -27.97	95.79 6.89 -0.69	68.12 4.99 0.00	61.63 4.57 0.00	52.30 3.88 0.00	45.26 3.16 0.00	40.26 2.67 0.00
DANC__LFGE 323619	37.65 -0.51 -1.58	32.64 -0.45 -1.06	32.06 -0.47 -1.09	30.51 -0.51 -0.79	30.40 -0.51 -0.74	33.06 -0.45 -1.42	34.13 -0.40 -1.48	37.35 -0.58 -1.85	40.08 -0.66 -2.19	41.99 -0.73 -2.36	44.78 -0.95 -2.36	52.05 -1.06 -2.80	55.87 -1.19 -3.12	58.96 -1.13 -3.34	64.01 -1.34 -1.87	77.35 -1.66 -3.44	81.22 -1.75 -3.24	100.80 -2.07 -4.46	90.88 -1.32 -3.98	66.19 -0.44 -3.50	60.14 -0.34 -3.41	50.16 -0.44 -2.17	43.31 -0.46 -1.67	37.44 -0.60 -0.44
DANSKAMMER__1 23586	40.02 3.44 0.00	35.03 3.01 0.00	34.34 2.70 -0.20	32.90 2.63 -0.05	32.90 2.53 -0.19	34.86 2.66 -0.11	36.03 2.98 0.00	39.82 3.36 -0.38	42.13 3.59 0.00	44.62 3.67 -0.59	47.41 4.03 0.00	54.99 4.68 0.00	60.28 5.23 -1.10	64.25 5.33 -2.17	72.46 6.29 -2.70	88.65 7.86 -5.23	92.25 8.61 -3.90	113.30 10.63 -4.26	97.22 8.91 -0.10	69.19 6.06 0.00	62.31 5.25 0.00	52.88 4.45 0.00	45.85 3.75 0.00	41.05 3.46 0.00
DANSKAMMER__2 23589	40.02 3.44 0.00	35.03 3.01 0.00	34.34 2.70 -0.20	32.90 2.63 -0.05	32.90 2.53 -0.19	34.86 2.66 -0.11	36.03 2.98 0.00	39.82 3.36 -0.38	42.13 3.59 0.00	44.62 3.67 -0.59	47.41 4.03 0.00	54.99 4.68 0.00	60.28 5.23 -1.10	64.25 5.33 -2.17	72.46 6.29 -2.70	88.65 7.86 -5.23	92.25 8.61 -3.90	113.30 10.63 -4.26	97.22 8.91 -0.10	69.19 6.06 0.00	62.31 5.25 0.00	52.88 4.45 0.00	45.85 3.75 0.00	41.05 3.46 0.00
DANSKAMMER__3 23590	40.02 3.44 0.00	35.03 3.01 0.00	34.34 2.70 -0.20	32.90 2.63 -0.05	32.90 2.53 -0.19	34.86 2.66 -0.11	36.03 2.98 0.00	39.82 3.36 -0.38	42.13 3.59 0.00	44.62 3.67 -0.59	47.41 4.03 0.00	54.99 4.68 0.00	60.28 5.23 -1.10	64.25 5.33 -2.17	72.46 6.29 -2.70	88.65 7.86 -5.23	92.25 8.61 -3.90	113.30 10.63 -4.26	97.22 8.91 -0.10	69.19 6.06 0.00	62.31 5.25 0.00	52.88 4.45 0.00	45.85 3.75 0.00	41.05 3.46 0.00

DANSKAMMER___4 23591	40.02 3.44 0.00	35.03 3.01 0.00	34.34 2.70 -0.20	32.90 2.63 -0.05	32.90 2.53 -0.19	34.86 2.66 -0.11	36.03 2.98 0.00	39.82 3.36 -0.38	42.13 3.59 0.00	44.62 3.67 -0.59	47.41 4.03 0.00	54.99 4.68 0.00	60.28 5.23 -1.10	64.25 5.33 -2.17	72.46 6.29 -2.70	88.65 7.86 -5.23	92.25 8.61 -3.90	113.30 10.63 -4.26	97.22 8.91 -0.10	69.19 6.06 0.00	62.31 5.25 0.00	52.88 4.45 0.00	45.85 3.75 0.00	41.05 3.46 0.00
DANSKAMMER___DIESEL 23592	40.02 3.44 0.00	35.03 3.01 0.00	34.37 2.73 -0.20	32.87 2.60 -0.05	32.90 2.53 -0.19	34.86 2.66 -0.11	36.06 3.01 0.00	39.78 3.32 -0.38	42.21 3.66 0.00	44.58 3.63 -0.59	47.41 4.03 0.00	54.99 4.68 0.00	60.28 5.23 -1.10	64.25 5.33 -2.17	72.46 6.28 -2.70	88.65 7.86 -5.23	92.24 8.61 -3.90	113.30 10.63 -4.26	97.24 8.91 -0.11	69.19 6.06 0.00	62.32 5.25 0.00	52.88 4.46 0.00	45.85 3.75 0.00	41.02 3.42 0.00
DARBY___SOLAR 323810	39.29 2.71 0.00	34.36 2.34 0.00	33.84 2.14 -0.26	32.31 2.03 -0.06	32.42 1.99 -0.25	34.44 2.21 -0.14	35.37 2.31 0.00	39.00 2.42 -0.50	41.25 2.70 0.00	43.92 2.78 -0.78	46.19 2.82 0.00	53.73 3.42 0.00	65.29 3.56 -7.79	75.68 3.64 -15.29	86.56 4.00 -19.08	108.84 4.91 -28.36	112.44 5.18 -27.52	135.18 6.70 -30.07	95.48 6.53 -0.73	67.87 4.74 0.00	61.35 4.28 0.00	52.06 3.63 0.00	45.09 2.99 0.00	40.15 2.56 0.00
DASHVILLE___HYD 23610	39.62 3.04 0.00	34.68 2.66 0.00	34.06 2.42 -0.21	32.60 2.33 -0.05	32.67 2.29 -0.20	34.58 2.37 -0.11	35.70 2.64 0.00	39.00 2.53 -0.39	41.83 3.28 0.00	43.71 2.74 -0.62	46.93 3.56 0.00	54.48 4.18 0.00	55.67 4.96 3.23	55.46 5.05 6.34	61.53 5.97 7.91	73.57 7.41 9.40	76.45 8.13 11.41	95.98 10.04 12.47	96.19 8.29 0.32	68.43 5.30 0.00	61.69 4.62 0.00	52.40 3.97 0.00	45.35 3.24 0.00	40.64 3.05 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	45.03 5.30 -3.14	44.12 4.64 -7.45	43.18 4.24 -7.50	42.30 4.02 -8.05	42.21 3.92 -8.11	42.57 4.17 -6.30	42.80 4.66 -5.09	43.46 5.30 -2.07	44.55 5.90 -0.11	46.55 5.61 -0.59	54.71 6.98 -4.35	133.98 8.15 -75.52	134.32 8.85 -71.53	148.80 9.42 -82.63	149.65 10.85 -75.32	279.14 13.15 -190.42	282.24 13.48 -189.03	273.89 16.53 -158.94	282.08 14.29 -179.58	271.31 9.91 -198.27	143.76 8.62 -78.07	140.50 7.36 -84.71	51.49 6.06 -3.32	42.94 5.34 0.00
DELAWARE___LFGE 323621	38.45 1.65 -0.22	33.61 1.44 -0.15	33.14 1.48 -0.23	31.78 1.42 -0.13	31.75 1.39 -0.19	33.84 1.51 -0.24	34.78 1.52 -0.21	37.79 1.55 -0.15	40.28 1.73 0.00	42.33 1.74 -0.24	45.28 1.91 0.00	52.52 2.21 0.00	56.32 2.37 0.00	59.25 2.50 0.00	66.27 2.79 0.00	79.34 3.17 -0.60	83.08 3.35 0.00	104.07 4.33 -1.33	93.29 3.97 -1.10	66.57 2.97 -0.48	60.15 2.63 -0.45	51.06 2.28 -0.35	44.32 1.98 -0.23	39.55 1.77 -0.19
DERFIELD_115KV_TB7 355931	37.02 0.44 0.00	32.38 0.35 0.00	31.78 0.35 0.00	30.56 0.33 0.00	30.50 0.33 0.01	32.44 0.35 0.00	33.42 0.36 0.00	36.48 0.40 0.00	39.01 0.46 0.00	40.84 0.48 0.00	43.96 0.52 -0.07	51.25 0.60 -0.34	54.90 0.65 -0.31	57.74 0.68 -0.31	65.55 0.76 -1.32	78.07 0.91 -1.60	82.49 0.96 -1.80	101.95 1.18 -2.36	91.16 1.06 -1.89	64.13 0.76 -0.24	57.79 0.68 -0.03	49.15 0.58 -0.15	42.61 0.51 0.00	38.44 0.45 -0.39
DOGLEVILLE___HYD 23807	37.65 1.06 0.00	32.95 0.93 0.00	32.35 0.91 0.00	31.07 0.85 0.00	31.04 0.88 0.01	33.05 0.96 0.00	34.01 0.96 0.00	37.16 1.08 0.00	39.71 1.16 0.00	41.64 1.29 0.00	44.83 1.39 -0.07	52.25 1.61 -0.34	55.98 1.73 -0.31	58.82 1.76 -0.31	66.69 1.90 -1.32	79.36 2.19 -1.60	83.85 2.31 -1.80	103.63 2.86 -2.36	92.75 2.64 -1.89	65.33 1.96 -0.24	58.81 1.71 -0.03	50.08 1.50 -0.15	43.41 1.31 0.00	39.19 1.20 -0.39
DUNKIRK___115KV_TB_200 55889	35.85 -0.73 0.00	31.03 -0.99 0.00	30.21 -1.26 -0.03	29.09 -1.15 -0.01	28.94 -1.27 -0.03	30.89 -1.22 -0.02	31.90 -1.16 0.00	34.37 -1.77 -0.06	37.02 -1.50 0.03	38.13 -2.30 -0.08	41.73 -1.65 0.00	47.63 -2.47 0.22	50.94 -2.43 0.58	54.37 -1.65 0.73	59.38 -2.86 1.23	70.40 -3.85 1.31	73.90 -3.91 1.93	92.40 -4.53 1.49	84.24 -2.47 1.50	60.25 -1.20 1.68	55.27 -1.14 0.65	47.65 -0.77 0.00	42.19 0.08 0.00	37.97 0.38 0.00
DUNKIRK___1 23563	35.85 -0.73 0.00	31.03 -0.99 0.00	30.21 -1.26 -0.03	29.09 -1.15 -0.01	28.94 -1.27 -0.03	30.89 -1.22 -0.02	31.90 -1.16 0.00	34.37 -1.77 -0.06	37.02 -1.50 0.03	38.13 -2.30 -0.08	41.73 -1.65 0.00	47.63 -2.47 0.22	50.94 -2.43 0.58	54.37 -1.65 0.73	59.38 -2.86 1.23	70.40 -3.85 1.31	73.90 -3.91 1.93	92.40 -4.53 1.49	84.24 -2.47 1.50	60.25 -1.20 1.68	55.27 -1.14 0.65	47.65 -0.77 0.00	42.19 0.08 0.00	37.97 0.38 0.00
DUNKIRK___2 23564	35.85 -0.73 0.00	31.03 -0.99 0.00	30.21 -1.26 -0.03	29.09 -1.15 -0.01	28.94 -1.27 -0.03	30.89 -1.22 -0.02	31.90 -1.16 0.00	34.37 -1.77 -0.06	37.02 -1.50 0.03	38.13 -2.30 -0.08	41.73 -1.65 0.00	47.63 -2.47 0.22	50.94 -2.43 0.58	54.37 -1.65 0.73	59.38 -2.86 1.23	70.40 -3.85 1.31	73.90 -3.91 1.93	92.40 -4.53 1.49	84.24 -2.47 1.50	60.25 -1.20 1.68	55.27 -1.14 0.65	47.65 -0.77 0.00	42.19 0.08 0.00	37.97 0.38 0.00
DUNKIRK___3 23565	35.71 -0.88 0.00	30.93 -1.09 0.00	30.12 -1.35 -0.03	29.03 -1.21 -0.01	28.85 -1.36 -0.03	30.79 -1.32 -0.02	31.80 -1.26 0.00	34.19 -1.95 -0.06	36.82 -1.70 0.03	37.93 -2.50 -0.08	41.46 -1.91 0.00	47.38 -2.72 0.22	50.61 -2.75 0.58	53.97 -2.04 0.73	59.00 -3.24 1.24	69.95 -4.31 1.31	73.34 -4.47 1.93	91.70 -5.22 1.50	83.62 -3.09 1.51	59.74 -1.70 1.68	54.81 -1.60 0.66	47.26 -1.16 0.00	41.89 -0.21 0.00	37.67 0.08 0.00
DUNKIRK___4 23566	35.71 -0.88 0.00	30.93 -1.09 0.00	30.12 -1.35 -0.03	29.03 -1.21 -0.01	28.85 -1.36 -0.03	30.79 -1.32 -0.02	31.80 -1.26 0.00	34.19 -1.95 -0.06	36.82 -1.70 0.03	37.93 -2.50 -0.08	41.46 -1.91 0.00	47.38 -2.72 0.22	50.61 -2.75 0.58	53.97 -2.04 0.73	59.00 -3.24 1.24	69.95 -4.31 1.31	73.34 -4.47 1.93	91.70 -5.22 1.50	83.62 -3.09 1.51	59.74 -1.70 1.68	54.81 -1.60 0.66	47.26 -1.16 0.00	41.89 -0.21 0.00	37.67 0.08 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.06 3.48 0.00	35.03 3.01 0.00	34.34 2.70 -0.20	32.87 2.60 -0.05	32.93 2.56 -0.19	34.89 2.70 -0.11	36.16 3.11 0.00	40.03 3.57 -0.38	42.48 3.93 0.00	44.90 3.95 -0.59	47.71 4.34 0.00	55.34 5.03 0.00	60.94 5.45 -1.54	65.34 5.56 -3.03	73.79 6.54 -3.78	90.45 8.16 -6.72	93.96 8.77 -5.46	115.20 10.83 -5.96	97.37 9.00 -0.15	69.13 6.00 0.00	62.20 5.14 0.00	52.98 4.55 0.00	45.94 3.83 0.00	41.13 3.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.62 3.04 0.00	34.68 2.66 0.00	34.05 2.42 -0.19	32.60 2.33 -0.04	32.62 2.26 -0.18	34.57 2.37 -0.10	35.73 2.68 0.00	39.44 2.99 -0.36	41.83 3.28 0.00	44.19 3.27 -0.57	46.97 3.60 0.00	54.48 4.18 0.00	59.54 4.64 -0.95	63.39 4.77 -1.87	71.40 5.59 -2.34	87.26 7.03 -4.66	90.76 7.65 -3.37	111.54 9.45 -3.68	96.16 7.85 -0.10	68.43 5.30 0.00	61.69 4.62 0.00	52.40 3.97 0.00	45.39 3.28 0.00	40.64 3.05 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.47 3.88 -0.01	35.49 3.46 -0.01	34.76 3.11 -0.21	33.27 2.99 -0.05	33.27 2.90 -0.20	35.12 2.92 -0.11	36.33 3.27 0.00	40.28 3.82 -0.37	42.75 4.20 0.00	45.14 4.20 -0.59	47.84 4.47 0.00	55.24 4.93 0.00	60.93 5.45 -1.54	65.33 5.56 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	114.90 10.53 -5.96	97.01 8.65 -0.15	68.99 5.87 0.01	62.31 5.25 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.59 3.99 -0.01
E179THST_13_KV_LOAD 356214	40.73 4.13 -0.01	35.68 3.65 -0.01	34.94 3.30 -0.21	33.46 3.17 -0.05	33.48 3.11 -0.20	35.31 3.11 -0.11	36.56 3.50 0.00	40.53 4.08 -0.37	43.02 4.47 0.00	45.42 4.48 -0.59	48.14 4.77 0.00	55.59 5.28 0.00	61.31 5.83 -1.54	65.73 5.96 -3.02	74.04 6.79 -3.77	90.75 8.46 -6.72	94.36 9.17 -5.45	115.79 11.42 -5.96	97.80 9.44 -0.15	69.56 6.44 0.01	62.82 5.76 0.01	53.27 4.84 0.00	46.61 4.51 0.00	41.85 4.25 -0.01
EAST HAMPTON___GT 23717	45.36 5.63 -3.15	44.38 4.90 -7.46	43.41 4.46 -7.51	42.52 4.23 -8.06	42.40 4.10 -8.12	42.77 4.36 -6.31	42.97 4.83 -5.10	43.75 5.59 -2.08	44.75 6.09 -0.11	46.92 5.97 -0.59	55.27 7.55 -4.35	134.71 8.86 -75.55	135.04 9.55 -71.55	149.56 10.16 -82.65	150.49 11.68 -75.34	280.08 14.05 -190.47	282.60 13.80 -189.07	274.72 17.33 -158.98	282.20 14.38 -179.60	271.85 10.41 -198.31	144.35 9.19 -78.09	141.10 7.94 -84.73	51.95 6.53 -3.32	43.31 5.71 0.00
EAST RIVER___6 23660	40.39 3.80 0.00	35.32 3.30 0.00	34.56 2.92 -0.20	33.11 2.84 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.36 3.30 0.00	40.39 3.93 -0.38	42.83 4.28 0.00	45.38 4.44 -0.59	48.14 4.77 0.00	55.79 5.48 0.00	61.37 5.88 -1.54	65.74 5.96 -3.03	74.05 6.79 -3.78	90.98 8.69 -6.72	94.60 9.40 -5.45	115.88 11.51 -5.96	97.70 9.35 -0.13	69.32 6.19 0.00	62.31 5.25 0.00	53.32 4.89 0.00	46.31 4.21 0.00	41.47 3.87 0.00
EAST RIVER___7 23524	40.39 3.80 0.00	35.32 3.30 0.00	34.56 2.92 -0.20	33.11 2.84 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.36 3.30 0.00	40.39 3.93 -0.38	42.83 4.28 0.00	45.38 4.44 -0.59	48.14 4.77 0.00	55.79 5.48 0.00	61.37 5.88 -1.54	65.74 5.96 -3.03	74.05 6.79 -3.78	90.98 8.69 -6.72	94.60 9.40 -5.45	115.88 11.51 -5.96	97.70 9.35 -0.13	69.32 6.19 0.00	62.31 5.25 0.00	53.32 4.89 0.00	46.31 4.21 0.00	41.47 3.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.95 3.37 0.00	34.97 2.95 0.00	34.28 2.64 -0.20	32.81 2.54 -0.05	32.84 2.47 -0.19	34.80 2.60 -0.11	36.06 3.01 0.00	39.92 3.46 -0.38	42.37 3.82 0.00	44.78 3.83 -0.59	47.58 4.21 0.00	55.19 4.88 0.00	60.77 5.29 -1.54	65.16 5.39 -3.02	73.59 6.35 -3.77	90.20 7.93 -6.70	93.70 8.53 -5.44	114.88 10.53 -5.94	97.10 8.73 -0.15	68.94 5.81 0.00	62.09 5.02 0.00	52.79 4.36 0.00	45.81 3.71 0.00	41.02 3.42 0.00
EAST_HAMPTON___DIESEL 23722	45.29 5.56 -3.15	44.35 4.87 -7.46	43.38 4.43 -7.51	42.46 4.17 -8.06	42.37 4.07 -8.12	42.73 4.33 -6.31	42.91 4.76 -5.10	43.71 5.55 -2.08	44.72 6.05 -0.11	46.88 5.93 -0.59	55.19 7.46 -4.35	134.61 8.75 -75.55	134.99 9.50 -71.55	149.50 10.10 -82.65	150.43 11.62 -75.34	280.01 13.98 -190.46	282.52 13.72 -189.06	274.61 17.22 -158.98	282.10 14.29 -179.60	271.79 10.35 -198.31	144.28 9.13 -78.09	141.05 7.90 -84.73	51.87 6.44 -3.32	43.28 5.68 0.00
EAST_POINT___SOLAR 323840	40.39 3.80 0.00	35.29 3.27 0.00	34.78 3.05 -0.29	33.23 2.93 -0.07	33.29 2.84 -0.28	35.46 3.21 -0.16	36.39 3.34 0.00	39.42 2.78 -0.56	41.13 2.58 0.00	43.44 2.22 -0.87	45.67 2.30 0.00	52.47 2.16 0.00	58.96 2.27 -2.76	64.37 2.21 -5.41	72.50 2.28 -6.75	89.96 2.87 -11.52	92.26 2.79 -9.73	115.44 6.39 -10.64	97.07 8.55 -0.30	70.01 6.88 0.00	63.34 6.28 0.00	53.66 5.23 0.00	46.78 4.67 0.00	41.47 3.87 0.00
EAST_PULASKI___ESR 323781	38.16 -0.70 -2.28	33.01 -0.54 -1.53	32.44 -0.56 -1.57	30.79 -0.60 -1.16	30.69 -0.60 -1.11	33.56 -0.58 -2.05	34.62 -0.56 -2.13	37.94 -0.79 -2.65	40.82 -0.89 -3.16	42.82 -0.93 -3.39	45.84 -1.08 -3.55	53.87 -1.26 -4.82	57.90 -1.35 -5.30	61.11 -1.30 -5.66	67.84 -1.52 -5.89	82.50 -1.89 -8.82	86.82 -1.99 -9.07	108.03 -2.36 -11.98	96.70 -1.76 -10.25	68.10 -1.01 -5.98	61.36 -0.85 -5.15	51.05 -0.82 -3.44	43.79 -0.72 -2.40	38.34 -0.75 -1.50
EAST_RIVER___1 323558	40.35 3.77 0.00	35.29 3.27 0.00	34.53 2.89 -0.20	33.09 2.81 -0.05	33.08 2.72 -0.19	35.05 2.85 -0.11	36.36 3.30 0.00	40.36 3.90 -0.38	42.75 4.20 -0.59	45.30 4.36 0.00	48.06 4.69 0.00	55.69 5.39 0.00	61.32 5.83 -1.54	65.68 5.90 -3.03	74.11 6.86 -3.78	90.90 8.61 -6.72	94.52 9.32 -5.45	115.88 11.51 -5.96	97.70 9.35 -0.13	69.32 6.19 0.00	62.38 5.31 0.00	53.22 4.80 0.00	46.23 4.13 0.00	41.43 3.84 0.00
EAST_RIVER___2 323559	40.39 3.80 0.00	35.32 3.30 0.00	34.56 2.92 -0.20	33.11 2.84 -0.05	33.05 2.68 -0.19	35.02 2.82 -0.11	36.36 3.30 0.00	40.39 3.93 -0.38	42.83 4.28 0.00	45.38 4.44 -0.59	48.14 4.77 0.00	55.79 5.48 0.00	61.37 5.88 -1.54	65.74 5.96 -3.03	74.05 6.79 -3.78	90.98 8.69 -6.72	94.60 9.40 -5.45	115.88 11.51 -5.96	97.70 9.35 -0.13	69.32 6.19 0.00	62.31 5.25 0.00	53.32 4.89 0.00	46.31 4.21 0.00	41.47 3.87 0.00
EAST___DELAWARE_HYD 23607	39.44 2.86 0.00	34.52 2.50 0.00	33.81 2.20 -0.18	32.42 2.15 -0.04	32.43 2.08 -0.17	34.37 2.18 -0.10	35.46 2.41 0.00	39.12 2.71 -0.34	41.48 2.93 0.00	43.78 2.91 -0.52	46.54 3.16 0.00	54.03 3.72 0.00	58.15 4.21 0.00	61.12 4.37 0.00	68.61 5.14 0.00	83.39 6.50 -1.32	86.92 7.18 0.00	107.37 8.95 0.00	95.80 7.59 0.00	68.31 5.18 0.00	61.57 4.51 0.00	52.25 3.82 0.00	45.22 3.12 0.00	40.49 2.90 0.00
EIGHT_POINT___WT_PWR 323820	36.96 0.11 -0.27	32.11 -0.10 -0.18	31.15 -0.50 -0.22	29.95 -0.42 -0.15	29.68 -0.66 -0.17	31.84 -0.51 -0.26	32.91 -0.40 -0.25	36.11 -0.36 -0.39	38.56 -0.35 -0.36	40.22 -0.65 -0.51	43.07 -0.74 -0.44	49.50 -1.26 -0.45	52.84 -1.30 -0.19	55.89 -0.97 -0.11	61.74 -1.58 0.15	73.47 -2.34 -0.25	76.81 -2.63 0.30	95.84 -3.05 -0.48	87.26 -1.15 -0.19	62.12 -0.31 0.69	56.72 -0.40 -0.05	49.00 0.15 -0.43	43.02 0.63 -0.28	38.28 0.45 -0.23
ELBRIDGE_115KV_TB2 80188	37.77 -0.18 -1.37	32.76 -0.19 -0.92	32.17 -0.22 -0.96	30.66 -0.27 -0.71	30.57 -0.30 -0.70	33.07 -0.26 -1.24	34.10 -0.23 -1.28	37.42 -0.29 -1.62	40.17 -0.27 -1.89	42.15 -0.28 -2.08	45.17 -0.39 -2.19	52.90 -0.45 -3.05	56.60 -0.49 -3.14	59.64 -0.40 -3.28	66.75 -0.63 -3.91	80.64 -0.76 -5.82	84.70 -0.88 -5.84	105.54 -1.08 -8.21	94.41 -0.62 -6.82	65.77 -0.32 -2.96	59.65 -0.23 -2.81	50.37 -0.24 -2.18	43.55 0.00 -1.45	38.67 -0.11 -1.19
ELEC_TRO_TEK 24086	43.66 3.95 -3.13	42.92 3.46 -7.44	42.08 3.14 -7.50	41.30 3.02 -8.05	41.25 2.96 -8.11	41.51 3.11 -6.30	41.68 3.54 -5.09	42.19 4.04 -2.07	43.09 4.43 -0.11	45.18 4.24 -0.59	48.14 4.77 0.00	62.18 5.68 -6.19	67.32 6.20 -7.17	77.02 6.41 -13.85	90.98 7.43 -20.08	133.52 9.22 -48.73	176.09 9.89 -86.46	179.21 12.20 -68.59	131.43 10.23 -32.98	69.82 6.69 0.00	62.83 5.76 0.00	53.46 5.04 0.00	46.40 4.29 0.00	41.58 3.99 0.00

ELLENBURG_WT_PWR 323604	35.12 -1.46 0.00	30.81 -1.22 0.00	30.33 -1.10 0.00	29.26 -0.97 0.00	29.24 -0.94 0.00	31.32 -0.77 0.00	32.49 -0.56 0.00	35.54 -0.54 0.00	37.83 -0.69 0.02	39.38 -0.97 0.00	41.21 -0.83 1.34	42.48 -1.16 6.68	46.36 -1.45 6.13	48.48 -2.16 6.11	34.58 -2.73 26.17	41.28 -2.49 31.80	41.42 -2.63 35.69	48.26 -3.25 46.91	47.90 -2.83 37.48	55.97 -2.33 4.83	54.34 -2.05 0.68	43.97 -1.55 2.91	41.05 -1.05 0.01	28.56 -1.28 7.76
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.30 -1.28 0.00	30.58 -1.44 0.00	29.83 -1.63 -0.03	28.72 -1.51 -0.01	28.57 -1.63 -0.03	30.44 -1.67 -0.02	31.37 -1.69 0.00	33.72 -2.42 -0.06	36.13 -2.39 0.03	37.36 -3.07 -0.08	40.73 -2.65 0.00	46.56 -3.52 0.23	49.78 -3.56 0.60	52.98 -3.01 0.77	57.80 -4.38 1.29	68.50 -5.67 1.40	71.73 -5.98 2.02	89.76 -7.09 1.56	81.87 -4.76 1.58	58.53 -2.84 1.76	53.76 -2.63 0.69	46.25 -2.18 0.00	41.01 -1.09 0.00	36.99 -0.60 0.00
EMPIRE_CC_1 323656	38.08 1.50 0.00	33.40 1.38 0.00	32.91 1.22 -0.24	31.49 1.21 -0.06	31.62 1.21 -0.24	33.54 1.32 -0.13	34.41 1.36 0.00	38.03 1.48 -0.46	40.09 1.54 0.00	42.81 1.73 -0.73	45.24 1.86 0.00	52.42 2.11 0.00	65.41 2.21 -9.26	77.19 2.27 -18.17	88.81 2.67 -22.67	112.08 3.32 -33.19	115.94 3.50 -32.70	138.37 4.23 -35.73	92.66 3.62 -0.83	65.66 2.53 0.00	59.29 2.22 0.00	50.31 1.89 0.00	43.58 1.47 0.00	38.99 1.39 0.00
EMPIRE_CC_2 323658	38.08 1.50 0.00	33.40 1.38 0.00	32.91 1.22 -0.24	31.49 1.21 -0.06	31.62 1.21 -0.24	33.54 1.32 -0.13	34.41 1.36 0.00	38.03 1.48 -0.46	40.09 1.54 0.00	42.81 1.73 -0.73	45.24 1.86 0.00	52.42 2.11 0.00	65.41 2.21 -9.26	77.19 2.27 -18.17	88.81 2.67 -22.67	112.08 3.32 -33.19	115.94 3.50 -32.70	138.37 4.23 -35.73	92.66 3.62 -0.83	65.66 2.53 0.00	59.29 2.22 0.00	50.31 1.89 0.00	43.58 1.47 0.00	38.99 1.39 0.00
ENORWICH_115KV_TB1 80156	40.03 2.93 -0.52	34.90 2.53 -0.35	34.30 2.45 -0.41	32.74 2.24 -0.28	32.69 2.20 -0.31	35.12 2.54 -0.49	36.31 2.78 -0.48	41.06 4.44 -0.54	43.88 4.86 -0.47	46.04 4.96 -0.72	49.31 5.38 -0.56	57.22 6.19 -0.72	61.29 6.69 -0.66	64.73 7.32 -0.66	71.85 7.68 -0.70	86.08 8.92 -1.60	90.09 9.33 -1.02	108.42 7.28 -2.73	97.91 7.50 -2.20	70.02 6.19 -0.71	63.67 5.71 -0.90	53.94 4.70 -0.82	46.69 4.04 -0.54	41.50 3.46 -0.45
ERIE_ST__34_KV_TB1-2 80199	35.78 -0.80 0.00	31.00 -1.02 0.00	30.05 -1.41 -0.03	29.06 -1.18 -0.01	28.82 -1.39 -0.03	30.85 -1.25 -0.02	31.83 -1.22 0.00	33.87 -2.27 -0.06	36.86 -1.66 0.03	37.61 -2.82 -0.08	41.55 -1.82 0.00	46.87 -3.22 0.22	50.12 -3.24 0.58	53.51 -2.50 0.74	58.48 -3.74 1.25	69.24 -4.99 1.34	72.60 -5.18 1.96	90.70 -6.20 1.51	82.63 -4.06 1.53	59.03 -2.40 1.70	54.01 -2.40 0.66	47.12 -1.31 0.00	41.68 -0.42 0.00	37.48 -0.11 0.00
ERIE_WT_PWR 323693	35.74 -0.84 0.00	30.90 -1.12 0.00	29.96 -1.51 -0.03	29.06 -1.18 -0.01	28.76 -1.45 -0.03	30.73 -1.38 -0.02	31.76 -1.29 0.00	34.44 -1.70 -0.06	36.78 -1.73 0.03	38.25 -2.18 -0.08	41.07 -2.30 0.00	46.82 -3.27 0.22	50.06 -3.29 0.59	53.39 -2.61 0.75	58.40 -3.81 1.27	69.00 -5.21 1.36	72.25 -5.50 1.98	90.38 -6.50 1.53	82.44 -4.23 1.54	58.88 -2.53 1.72	53.71 -2.68 0.67	46.64 -1.79 0.00	41.35 -0.76 0.00	37.15 -0.45 0.00
ESPRGFLD_115KV_TB1 80157	39.14 2.56 0.00	34.23 2.21 0.00	33.56 2.14 0.01	32.25 2.03 0.00	32.13 1.96 0.01	34.33 2.25 0.01	35.43 2.38 0.00	38.41 2.35 0.02	41.05 2.51 0.00	42.75 2.42 0.03	46.02 2.65 0.00	53.33 3.02 0.00	59.18 3.24 -2.00	64.08 3.40 -3.92	72.05 3.68 -4.90	86.58 4.31 -6.70	91.03 4.23 -7.06	112.23 6.10 -7.72	94.77 6.35 -0.20	68.05 4.92 0.00	61.46 4.39 0.00	52.11 3.68 0.00	45.39 3.28 0.00	40.34 2.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.25 0.95 -0.71	33.27 0.77 -0.48	32.63 0.66 -0.53	31.18 0.57 -0.38	31.12 0.54 -0.40	33.46 0.71 -0.66	34.51 0.79 -0.67	37.75 0.72 -0.94	40.38 0.81 -1.02	42.30 0.73 -1.22	45.35 0.78 -1.20	52.77 0.86 -1.60	56.41 0.92 -1.55	59.46 1.13 -1.58	66.39 1.14 -1.77	79.79 1.28 -2.94	83.63 1.28 -2.62	104.31 2.07 -3.83	93.70 2.38 -3.10	66.19 2.02 -1.04	60.22 1.88 -1.27	51.11 1.55 -1.14	44.33 1.47 -0.75	39.38 1.17 -0.62
ETNA____115KV_TB2 80207	38.25 0.95 -0.71	33.27 0.77 -0.48	32.63 0.66 -0.53	31.18 0.57 -0.38	31.12 0.54 -0.40	33.46 0.71 -0.66	34.51 0.79 -0.67	37.75 0.72 -0.94	40.38 0.81 -1.02	42.30 0.73 -1.22	45.35 0.78 -1.20	52.77 0.86 -1.60	56.41 0.92 -1.55	59.46 1.13 -1.58	66.39 1.14 -1.77	79.79 1.28 -2.94	83.63 1.28 -2.62	104.31 2.07 -3.83	93.70 2.38 -3.10	66.19 2.02 -1.04	60.22 1.88 -1.27	51.11 1.55 -1.14	44.33 1.47 -0.75	39.38 1.17 -0.62
EUCLID____115KV_TB2 356179	36.76 -0.40 -0.58	32.03 -0.38 -0.39	31.41 -0.44 -0.41	30.07 -0.45 -0.30	29.99 -0.48 -0.29	32.17 -0.45 -0.53	33.17 -0.43 -0.54	36.28 -0.51 -0.70	38.83 -0.50 -0.78	40.73 -0.52 -0.91	43.74 -0.56 -0.93	50.80 -0.65 -1.15	54.19 -0.70 -0.95	57.03 -0.62 -0.90	63.48 -0.83 -0.83	75.99 -1.06 -1.48	79.80 -1.12 -1.18	99.41 -1.48 -2.48	89.03 -1.06 -1.88	62.61 -0.63 -0.12	57.30 -0.51 -0.75	48.82 -0.53 -0.93	42.38 -0.34 -0.61	37.72 -0.38 -0.50
E_CANADA_CAP_HY 24051	39.84 3.25 0.00	34.81 2.78 0.00	34.38 2.64 -0.30	32.81 2.51 -0.07	32.91 2.44 -0.29	35.04 2.79 -0.16	35.99 2.94 0.00	39.44 2.78 -0.58	41.40 2.85 0.00	43.96 2.70 -0.90	46.19 2.82 0.00	53.43 3.12 0.00	59.81 3.29 -2.57	65.20 3.40 -5.05	73.45 3.68 -6.30	91.08 4.53 -10.98	92.97 4.14 -9.09	115.04 6.70 -9.93	95.99 7.49 -0.28	68.93 5.80 0.00	62.26 5.19 0.00	52.74 4.31 0.00	46.11 4.00 0.00	40.94 3.34 0.00
E_CANADA_MHWK_HY 24050	37.65 1.06 0.00	32.95 0.93 0.00	32.35 0.91 0.00	31.07 0.85 0.00	31.04 0.88 0.01	33.05 0.96 0.00	34.01 0.96 0.00	37.16 1.08 0.00	39.71 1.16 0.00	41.64 1.29 0.00	44.83 1.39 -0.07	52.25 1.61 -0.34	55.98 1.73 -0.31	58.82 1.76 -0.31	66.69 1.90 -1.32	79.36 2.19 -1.60	83.85 2.31 -1.80	103.63 2.86 -2.36	92.75 2.64 -1.89	65.33 1.96 -0.24	58.81 1.71 -0.03	50.08 1.50 -0.15	43.41 1.31 0.00	39.19 1.20 -0.39
E_FISHKILL____LBMP 23776	39.47 2.89 0.00	34.55 2.53 0.00	33.94 2.29 -0.20	32.48 2.21 -0.05	32.54 2.17 -0.20	34.48 2.28 -0.11	35.63 2.58 0.00	39.43 2.96 -0.39	41.79 3.24 0.00	44.23 3.27 -0.61	46.93 3.56 0.00	54.43 4.13 0.00	60.02 4.48 -1.60	64.48 4.60 -3.14	72.78 5.40 -3.91	89.24 6.73 -6.95	92.56 7.18 -5.65	113.44 8.86 -6.17	95.78 7.41 -0.16	68.05 4.92 0.00	61.35 4.28 0.00	52.16 3.73 0.00	45.22 3.12 0.00	40.49 2.89 0.00
FALCON____SEABRD_CC1 323796	35.23 -1.35 0.00	30.93 -1.09 0.00	30.46 -0.97 0.00	29.38 -0.85 0.00	29.36 -0.81 0.00	31.35 -0.74 0.00	32.52 -0.53 0.00	35.54 -0.54 0.00	37.87 -0.66 0.02	39.43 -0.93 0.00	41.17 -0.87 1.34	42.53 -1.11 6.68	46.47 -1.35 6.13	48.65 -1.99 6.11	35.02 -2.28 26.17	41.57 -2.19 31.80	41.74 -2.31 35.68	48.65 -2.86 46.91	48.26 -2.47 37.48	55.97 -2.33 4.83	54.34 -2.05 0.68	44.07 -1.45 2.91	41.29 -0.80 0.01	28.90 -0.94 7.76

FALCON___SEABRD_CC2 323797	35.23 -1.35 0.00	30.93 -1.09 0.00	30.46 -0.97 0.00	29.38 -0.85 0.00	29.36 -0.81 0.00	31.35 -0.74 0.00	32.52 -0.53 0.00	35.54 -0.54 0.00	37.87 -0.66 0.02	39.43 -0.93 0.00	41.17 -0.87 1.34	42.53 -1.11 6.68	46.47 -1.35 6.13	48.65 -1.99 6.11	35.02 -2.28 26.17	41.57 -2.19 31.80	41.74 -2.31 35.68	48.65 -2.86 46.91	48.26 -2.47 37.48	55.97 -2.33 4.83	54.34 -2.05 0.68	44.07 -1.45 2.91	41.29 -0.80 0.01	28.90 -0.94 7.76
FAR ROCKAWAY___4 23548	44.47 4.76 -3.13	43.60 4.13 -7.44	42.68 3.74 -7.50	41.84 3.57 -8.05	41.79 3.50 -8.11	42.08 3.69 -6.30	42.21 4.07 -5.09	42.81 4.65 -2.07	43.82 5.17 -0.11	45.95 5.00 -0.59	49.10 5.73 0.00	62.94 6.44 -6.19	68.13 7.01 -7.17	77.81 7.21 -13.85	91.87 8.31 -20.08	127.69 10.28 -41.85	165.24 11.08 -74.42	168.74 13.78 -56.55	125.96 11.64 -26.10	70.83 7.70 0.00	63.74 6.68 0.00	54.67 6.25 0.00	47.45 5.35 0.00	42.41 4.81 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.35 3.77 0.00	35.32 3.30 0.00	34.56 2.92 -0.20	33.09 2.81 -0.05	33.11 2.75 -0.19	35.09 2.89 -0.11	36.39 3.34 0.00	40.36 3.90 -0.38	42.87 4.32 0.00	45.30 4.36 -0.59	48.06 4.68 0.00	55.69 5.38 0.00	61.37 5.88 -1.54	65.74 5.96 -3.03	74.11 6.86 -3.78	90.90 8.61 -6.72	94.52 9.33 -5.45	115.89 11.51 -5.96	97.81 9.44 -0.15	69.38 6.25 0.00	62.49 5.42 0.00	53.22 4.79 0.00	46.23 4.13 0.00	41.43 3.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.35 3.77 0.00	35.32 3.30 0.00	34.56 2.92 -0.20	33.12 2.84 -0.05	33.11 2.75 -0.19	35.09 2.89 -0.11	36.42 3.37 0.00	40.36 3.90 -0.38	42.87 4.32 0.00	45.30 4.36 -0.59	48.06 4.68 0.00	55.69 5.38 0.00	61.37 5.88 -1.54	65.74 5.96 -3.03	74.17 6.92 -3.78	90.98 8.69 -6.72	94.52 9.33 -5.45	115.89 11.51 -5.96	97.81 9.44 -0.15	69.38 6.25 0.00	62.49 5.42 0.00	53.22 4.79 0.00	46.27 4.17 0.00	41.43 3.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.32 3.73 0.00	35.29 3.27 0.00	34.53 2.89 -0.20	33.09 2.81 -0.05	33.08 2.72 -0.19	35.05 2.86 -0.11	36.39 3.34 0.00	40.32 3.86 -0.38	42.83 4.28 0.00	45.30 4.36 -0.59	48.01 4.64 0.00	55.64 5.33 0.00	61.31 5.83 -1.54	65.68 5.90 -3.03	74.11 6.86 -3.78	90.90 8.61 -6.72	94.44 9.25 -5.45	115.79 11.42 -5.96	97.72 9.35 -0.15	69.32 6.19 0.00	62.43 5.36 0.00	53.17 4.75 0.00	46.19 4.08 0.00	41.39 3.80 0.00
FARRAGUT___LBMP 323566	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.06 2.78 -0.05	33.05 2.69 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.28 3.82 -0.38	42.79 4.24 0.00	45.22 4.28 -0.59	47.97 4.60 0.00	55.59 5.28 0.00	61.21 5.72 -1.54	65.57 5.79 -3.03	73.98 6.73 -3.78	90.75 8.46 -6.72	94.36 9.17 -5.45	115.69 11.32 -5.96	97.63 9.26 -0.15	69.25 6.12 0.00	62.37 5.31 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.35 3.76 0.00
FENNER___WINDPWR 24204	38.22 1.10 -0.54	33.28 0.90 -0.36	32.65 0.82 -0.39	31.23 0.72 -0.28	31.15 0.69 -0.28	33.45 0.87 -0.50	34.48 0.92 -0.50	37.77 1.01 -0.68	40.37 1.08 -0.74	42.36 1.13 -0.88	45.41 1.17 -0.87	52.82 1.36 -1.16	56.50 1.46 -1.10	59.51 1.65 -1.12	66.49 1.77 -1.24	79.57 1.96 -2.04	83.63 2.07 -1.82	103.91 2.66 -2.84	93.24 2.74 -2.29	66.06 2.21 -0.73	60.00 2.00 -0.93	50.93 1.65 -0.85	44.10 1.43 -0.57	39.23 1.17 -0.47
FIBERTEK___ENERGY 23856	37.88 0.04 -1.26	32.87 0.00 -0.85	32.25 -0.06 -0.88	30.76 -0.12 -0.65	30.66 -0.15 -0.64	33.16 -0.06 -1.14	34.19 -0.03 -1.17	37.53 -0.04 -1.49	40.24 -0.04 -1.73	42.26 0.00 -1.91	45.12 -0.26 -2.00	52.75 -0.35 -2.79	56.50 -0.32 -2.88	59.47 -0.28 -3.01	66.61 -0.44 -3.58	80.30 -0.60 -5.34	84.37 -0.72 -5.35	105.05 -0.89 -7.52	93.93 -0.53 -6.24	65.52 -0.32 -2.71	59.52 -0.11 -2.57	50.28 -0.15 -2.00	43.64 0.21 -1.32	38.76 0.08 -1.09
FITZPATRICK____ 23598	28.00 -1.02 7.56	26.00 -0.93 5.09	25.36 -0.91 5.17	25.40 -0.94 3.89	25.47 -0.94 3.76	24.36 -0.96 6.77	25.00 -0.99 7.06	26.26 -1.12 8.71	27.00 -1.16 10.39	28.00 -1.25 11.10	30.00 -1.34 12.03	32.00 -1.56 16.75	35.00 -1.67 17.27	37.00 -1.70 18.05	40.00 -1.97 21.50	42.00 -2.42 31.15	45.00 -2.63 32.11	50.00 -3.15 45.26	48.00 -2.64 37.57	45.00 -1.83 16.30	40.00 -1.60 15.47	35.00 -1.41 12.02	33.00 -1.13 7.97	30.00 -1.05 6.54
FLOWRFLD_69_KV_BK1 356044	44.23 4.50 -3.15	43.45 3.97 -7.46	42.62 3.68 -7.50	41.78 3.51 -8.05	41.76 3.47 -8.11	42.05 3.66 -6.30	42.27 4.13 -5.09	42.84 4.69 -2.07	43.63 4.97 -0.11	45.46 4.52 -0.59	54.49 5.29 -5.82	155.52 6.29 -98.93	154.04 6.85 -93.25	169.69 7.09 -105.84	165.63 8.19 -93.96	331.33 10.05 -245.71	327.30 10.84 -236.72	314.31 13.38 -202.51	336.12 11.38 -236.52	335.76 7.45 -265.18	167.88 6.39 -104.42	167.25 5.52 -113.30	51.31 4.76 -4.44	41.85 4.25 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.10 3.51 0.00	35.10 3.07 0.00	34.43 2.80 -0.20	32.96 2.69 -0.05	32.99 2.63 -0.19	34.96 2.76 -0.11	36.13 3.07 0.00	39.89 3.43 -0.38	42.71 4.16 0.00	45.10 4.16 -0.59	48.01 4.64 0.00	55.64 5.33 0.00	61.24 5.93 -1.36	65.55 6.13 -2.67	73.98 7.17 -3.33	90.59 8.92 -6.10	93.39 8.85 -4.80	114.58 10.92 -5.25	97.51 9.17 -0.12	69.38 6.25 0.00	62.49 5.42 0.00	53.03 4.60 0.00	45.94 3.83 0.00	41.13 3.53 0.00
FORT ORANGE____ 23900	38.01 1.43 0.00	33.27 1.25 0.00	32.79 1.10 -0.25	31.37 1.09 -0.06	31.47 1.06 -0.24	33.38 1.15 -0.14	34.24 1.19 0.00	37.82 1.26 -0.48	39.90 1.35 0.00	42.56 1.45 -0.75	44.89 1.52 0.00	51.82 1.51 0.00	30.51 1.62 25.05	9.29 1.70 49.16	4.17 2.03 61.33	-4.75 2.64 82.96	-5.86 2.87 88.47	5.29 3.54 96.66	88.63 2.91 2.49	65.21 2.08 0.00	58.89 1.83 0.00	49.98 1.55 0.00	43.58 1.47 0.00	38.91 1.32 0.00
FORT_DRUM_COGEN 23780	37.46 -0.26 -1.13	32.53 -0.26 -0.76	31.94 -0.28 -0.78	30.44 -0.33 -0.54	30.31 -0.33 -0.47	32.88 -0.22 -1.02	34.01 -0.10 -1.06	37.16 -0.25 -1.33	39.73 -0.39 -1.56	41.57 -0.48 -1.70	44.22 -0.69 -1.54	50.74 -0.80 -1.23	54.48 -0.97 -1.51	57.51 -0.91 -1.67	60.75 -1.02 1.70	73.05 -1.28 1.23	76.54 -1.36 1.85	94.70 -1.48 2.24	86.01 -0.71 1.50	65.20 0.19 -1.89	59.75 0.34 -2.34	49.69 0.05 -1.22	43.09 -0.21 -1.19	36.65 -0.38 0.57
FOX_HILLS___ESR 323835	43.67 3.95 -3.13	35.53 3.39 -0.11	34.70 3.05 -0.22	33.22 2.93 -0.06	33.28 2.90 -0.21	35.32 3.11 -0.12	36.51 3.44 -0.02	43.28 4.01 -3.19	42.94 4.39 0.00	45.30 4.36 -0.59	48.06 4.68 0.00	55.59 5.28 0.00	63.94 5.83 -4.17	91.89 5.85 -29.29	78.69 6.73 -8.49	129.10 8.46 -45.07	94.42 9.17 -5.51	115.85 11.42 -6.02	97.70 9.26 -0.23	76.97 6.12 -7.72	80.77 5.48 -18.22	95.51 4.89 -42.19	46.44 4.34 0.00	41.77 4.06 -0.11
FPL FAR_ROCK_GT1 24212	44.48 4.75 -3.14	43.61 4.13 -7.45	42.69 3.74 -7.52	41.88 3.60 -8.06	41.80 3.50 -8.12	42.09 3.69 -6.31	42.21 4.06 -5.10	42.85 4.69 -2.08	43.71 5.05 -0.11	45.91 4.96 -0.59	49.10 5.72 0.00	62.95 6.44 -6.20	68.14 7.01 -7.18	77.82 7.21 -13.86	91.88 8.31 -20.09	127.70 10.28 -41.86	165.24 11.08 -74.43	168.75 13.78 -56.56	125.95 11.64 -26.09	70.83 7.70 0.00	63.68 6.62 0.00	54.68 6.25 0.00	47.46 5.35 -0.01	42.41 4.81 -0.01

FPL FAR_ROCK_GT2 23815	44.48 4.75 -3.14	43.61 4.13 -7.45	42.69 3.74 -7.52	41.88 3.60 -8.06	41.80 3.50 -8.12	42.09 3.69 -6.31	42.21 4.06 -5.10	42.85 4.69 -2.08	43.71 5.05 -0.11	45.91 4.96 -0.59	49.10 5.72 0.00	62.95 6.44 -6.20	68.14 7.01 -7.18	77.82 7.21 -13.86	91.88 8.31 -20.09	127.70 10.28 -41.86	165.24 11.08 -74.43	168.75 13.78 -56.56	125.95 11.64 -26.09	70.83 7.70 0.00	63.68 6.62 0.00	54.68 6.25 0.00	47.46 5.35 -0.01	42.41 4.81 -0.01
FRANKLIN_FALL_HYD 24054	35.23 -1.35 0.00	30.90 -1.12 0.00	30.40 -1.04 0.00	29.30 -0.88 0.05	29.20 -0.84 0.13	31.22 -0.87 0.00	32.16 -0.89 0.00	35.22 -0.87 0.00	37.41 -1.12 0.02	39.02 -1.33 0.00	40.69 -1.43 1.26	42.37 -1.66 6.28	46.35 -1.83 5.76	48.90 -2.10 5.75	36.46 -2.41 24.60	42.95 -2.72 29.90	43.39 -2.79 33.55	50.96 -3.35 44.10	49.89 -3.09 35.24	56.26 -2.34 4.54	54.43 -2.00 0.64	43.85 -1.84 2.74	40.41 -1.68 0.01	28.76 -1.54 7.29
FREEPORT_EQUS_GT1 23764	44.07 4.35 -3.14	43.25 3.78 -7.45	42.38 3.43 -7.51	41.58 3.30 -8.06	41.53 3.23 -8.12	41.80 3.40 -6.31	41.95 3.80 -5.10	42.56 4.40 -2.08	43.36 4.70 -0.11	45.42 4.48 -0.59	48.58 5.20 0.00	62.54 6.03 -6.20	67.70 6.58 -7.18	77.42 6.81 -13.86	91.43 7.87 -20.09	130.45 9.82 -45.06	170.38 10.61 -80.04	173.67 13.09 -62.17	128.63 11.12 -29.30	70.39 7.26 0.00	63.29 6.22 0.00	54.04 5.61 0.00	46.86 4.76 0.00	41.99 4.40 0.00
FREEPORT___CT2 23818	44.07 4.35 -3.14	43.25 3.78 -7.45	42.38 3.43 -7.51	41.58 3.30 -8.06	41.53 3.23 -8.12	41.80 3.40 -6.31	41.95 3.80 -5.10	42.56 4.40 -2.08	43.36 4.70 -0.11	45.42 4.48 -0.59	48.58 5.20 0.00	62.54 6.03 -6.20	67.70 6.58 -7.18	77.42 6.81 -13.86	91.43 7.87 -20.09	130.45 9.82 -45.06	170.38 10.61 -80.04	173.67 13.09 -62.17	128.63 11.12 -29.30	70.39 7.26 0.00	63.29 6.22 0.00	54.04 5.61 0.00	46.86 4.76 0.00	41.99 4.40 0.00
FRESHKLS_33_KV_LOAD 356253	42.07 3.88 -1.61	35.45 3.36 -0.06	34.67 3.02 -0.22	33.22 2.93 -0.06	33.28 2.90 -0.21	35.35 3.14 -0.12	36.51 3.44 -0.02	41.64 3.93 -1.63	42.86 4.32 0.01	45.21 4.28 -0.58	48.01 4.64 0.01	50.08 5.23 5.46	49.49 5.77 10.23	48.35 5.85 14.24	57.68 6.73 12.52	79.63 8.46 4.40	83.75 9.17 5.15	104.76 11.42 5.07	79.31 9.35 18.25	53.38 6.19 15.94	45.95 5.54 16.65	45.14 4.89 8.18	44.96 4.34 1.48	41.68 4.02 -0.06
FULTON COGEN____ 23766	38.63 -0.55 -2.59	33.29 -0.48 -1.75	32.72 -0.50 -1.79	31.02 -0.54 -1.33	30.93 -0.54 -1.29	33.90 -0.51 -2.33	34.94 -0.53 -2.42	38.49 -0.61 -3.02	41.45 -0.69 -3.59	43.53 -0.69 -3.86	46.72 -0.78 -4.13	55.35 -0.91 -5.95	59.50 -0.92 -6.48	62.79 -0.85 -6.89	70.95 -1.08 -8.56	86.50 -1.36 -12.29	91.16 -1.44 -12.86	113.58 -1.77 -16.94	101.21 -1.32 -14.31	69.50 -0.82 -7.19	62.31 -0.68 -5.93	51.87 -0.68 -4.12	44.37 -0.46 -2.73	39.35 -0.49 -2.24
FULTON___LFGE 323630	42.07 5.49 0.00	36.70 4.68 0.00	36.07 4.34 -0.29	34.44 4.14 -0.07	34.44 3.98 -0.28	36.80 4.55 -0.16	37.94 4.89 0.00	41.65 5.01 -0.55	44.25 5.70 0.00	46.86 5.65 -0.86	49.45 6.07 0.00	57.45 7.14 0.00	64.34 7.61 -2.79	70.05 7.83 -5.47	78.86 8.57 -6.82	97.67 10.50 -11.61	100.18 10.61 -9.84	124.22 15.06 -10.75	103.43 14.91 -0.30	73.80 10.67 0.00	66.26 9.19 0.00	56.13 7.70 0.00	48.80 6.70 0.00	43.16 5.56 0.00
G.F.CEMENT___DRP 24184	39.69 3.11 0.00	34.68 2.66 0.00	34.09 2.39 -0.26	32.56 2.27 -0.06	32.63 2.20 -0.26	34.70 2.47 -0.14	35.70 2.64 0.00	39.29 2.71 -0.50	41.67 3.12 0.00	44.29 3.15 -0.78	46.45 3.08 0.00	54.13 3.82 0.00	64.14 3.88 -6.32	73.06 3.92 -12.40	83.19 4.25 -15.47	104.15 5.21 -23.37	107.55 5.50 -22.31	130.07 7.28 -24.38	96.26 7.41 -0.63	68.49 5.37 0.00	62.03 4.96 0.00	52.64 4.21 0.00	45.56 3.45 0.00	40.45 2.86 0.00
GARDENVILLE___LBMP 24039	35.41 -1.17 0.00	30.68 -1.34 0.00	29.89 -1.57 -0.03	28.81 -1.42 -0.01	28.64 -1.57 -0.03	30.57 -1.54 -0.02	31.47 -1.59 0.00	33.79 -2.35 -0.06	36.32 -2.20 0.03	37.49 -2.95 -0.08	40.90 -2.47 0.00	46.72 -3.37 0.22	49.95 -3.40 0.59	53.22 -2.78 0.75	58.08 -4.13 1.27	68.76 -5.44 1.36	72.09 -5.66 1.99	90.09 -6.79 1.54	82.17 -4.50 1.55	58.75 -2.65 1.73	53.94 -2.45 0.67	46.49 -1.94 0.00	41.22 -0.88 0.00	37.14 -0.45 0.00
GARDNVLA_35_KV_LD 355827	35.60 -0.99 0.00	30.84 -1.18 0.00	30.02 -1.45 -0.03	28.94 -1.30 -0.01	28.79 -1.42 -0.03	30.69 -1.41 -0.02	31.63 -1.42 0.00	33.94 -2.20 -0.06	36.47 -2.04 0.03	37.65 -2.78 -0.08	41.12 -2.26 0.00	46.92 -3.17 0.22	50.17 -3.18 0.59	53.45 -2.55 0.75	58.34 -3.87 1.26	69.15 -5.06 1.35	72.42 -5.34 1.98	90.59 -6.30 1.53	82.62 -4.06 1.54	59.01 -2.40 1.72	54.11 -2.28 0.67	46.68 -1.74 0.00	41.43 -0.67 0.00	37.29 -0.30 0.00
GELCKHM___115KV_LOAD 80723	37.15 -0.26 -0.82	32.32 -0.26 -0.55	31.70 -0.31 -0.58	30.32 -0.33 -0.42	30.23 -0.36 -0.42	32.51 -0.32 -0.75	33.52 -0.30 -0.77	36.74 -0.32 -0.98	39.32 -0.35 -1.12	41.29 -0.32 -1.26	44.21 -0.48 -1.32	51.48 -0.55 -1.73	54.96 -0.59 -1.61	57.86 -0.51 -1.62	64.53 -0.70 -1.75	77.44 -0.91 -2.78	81.27 -1.04 -2.57	101.34 -1.28 -4.21	90.70 -0.88 -3.36	63.52 -0.57 -0.96	58.04 -0.40 -1.37	49.35 -0.39 -1.31	42.85 -0.13 -0.87	38.08 -0.23 -0.71
GENERAL___MILLS 23808	35.52 -1.06 0.00	30.77 -1.25 0.00	29.96 -1.51 -0.03	28.88 -1.36 -0.01	28.73 -1.48 -0.03	30.63 -1.48 -0.02	31.57 -1.49 0.00	33.87 -2.27 -0.06	36.40 -2.12 0.03	37.53 -2.91 -0.08	41.03 -2.34 0.00	46.77 -3.32 0.22	50.01 -3.34 0.59	53.28 -2.72 0.75	58.15 -4.06 1.27	68.92 -5.29 1.36	72.17 -5.58 1.98	90.29 -6.59 1.53	82.35 -4.32 1.54	58.88 -2.53 1.72	54.00 -2.40 0.67	46.59 -1.84 0.00	41.30 -0.80 0.00	37.22 -0.38 0.00
GE_PLASTICS___DRP 24183	37.97 1.39 0.00	33.27 1.25 0.00	32.88 1.19 -0.25	31.44 1.15 -0.06	31.54 1.12 -0.25	33.45 1.22 -0.14	34.31 1.26 0.00	37.86 1.30 -0.48	40.01 1.46 0.00	42.60 1.49 -0.75	44.98 1.60 0.00	51.72 1.41 0.00	39.74 1.29 15.49	27.64 1.31 30.41	27.12 1.59 37.94	27.01 2.04 50.59	27.16 2.15 54.73	41.17 2.56 59.80	88.79 2.12 1.55	64.64 1.52 0.00	58.38 1.31 0.00	49.59 1.16 0.00	43.58 1.47 0.00	38.91 1.32 0.00
GILBOA___1 23756	38.12 1.54 0.00	33.37 1.34 0.00	33.30 1.66 -0.20	31.87 1.60 -0.04	31.93 1.57 -0.19	33.86 1.67 -0.11	34.51 1.45 0.00	37.97 1.52 -0.37	40.17 1.62 0.00	42.59 1.66 -0.58	45.19 1.82 0.00	52.37 2.06 0.00	56.16 2.21 0.00	58.96 2.21 0.00	66.01 2.54 0.00	79.75 2.72 -1.46	82.53 2.79 0.00	101.86 3.44 0.00	91.12 2.91 0.00	65.34 2.21 0.00	59.29 2.22 0.00	50.37 1.94 0.00	43.74 1.64 0.00	39.10 1.51 0.00
GILBOA___2 23757	38.12 1.54 0.00	33.37 1.34 0.00	33.30 1.66 -0.20	31.87 1.60 -0.04	31.93 1.57 -0.19	33.86 1.67 -0.11	34.51 1.45 0.00	37.97 1.52 -0.37	40.17 1.62 0.00	42.59 1.66 -0.58	45.19 1.82 0.00	52.37 2.06 0.00	56.16 2.21 0.00	58.96 2.21 0.00	66.01 2.54 0.00	79.75 2.72 -1.46	82.53 2.79 0.00	101.86 3.44 0.00	91.12 2.91 0.00	65.34 2.21 0.00	59.29 2.22 0.00	50.37 1.94 0.00	43.74 1.64 0.00	39.10 1.51 0.00

GILBOA___3 23758	38.12 1.54 0.00	33.37 1.34 0.00	33.30 1.66 -0.20	31.87 1.60 -0.04	31.93 1.57 -0.19	33.86 1.67 -0.11	34.51 1.45 0.00	37.97 1.52 -0.37	40.17 1.62 0.00	42.59 1.66 -0.58	45.19 1.82 0.00	52.37 2.06 0.00	56.16 2.21 0.00	58.96 2.21 0.00	66.01 2.54 0.00	79.75 2.72 -1.46	82.53 2.79 0.00	101.86 3.44 0.00	91.12 2.91 0.00	65.34 2.21 0.00	59.29 2.22 0.00	50.37 1.94 0.00	43.74 1.64 0.00	39.10 1.51 0.00
GILBOA___4 23759	38.12 1.54 0.00	33.37 1.34 0.00	33.30 1.66 -0.20	31.87 1.60 -0.04	31.93 1.57 -0.19	33.86 1.67 -0.11	34.51 1.45 0.00	37.97 1.52 -0.37	40.17 1.62 0.00	42.59 1.66 -0.58	45.19 1.82 0.00	52.37 2.06 0.00	56.16 2.21 0.00	58.96 2.21 0.00	66.01 2.54 0.00	79.75 2.72 -1.46	82.53 2.79 0.00	101.86 3.44 0.00	91.12 2.91 0.00	65.34 2.21 0.00	59.29 2.22 0.00	50.37 1.94 0.00	43.74 1.64 0.00	39.10 1.51 0.00
GILBOA___ 23599	38.08 1.50 0.00	33.34 1.31 0.00	33.30 1.67 -0.20	31.88 1.60 -0.04	31.93 1.57 -0.19	33.86 1.67 -0.11	34.51 1.45 0.00	37.93 1.48 -0.37	40.17 1.62 0.00	42.59 1.65 -0.58	45.19 1.82 0.00	52.37 2.06 0.00	56.15 2.21 0.00	58.96 2.21 0.00	66.01 2.54 0.00	79.75 2.72 -1.46	82.53 2.79 0.00	101.86 3.44 0.00	91.13 2.91 0.00	65.34 2.21 0.00	59.18 2.11 0.00	50.36 1.94 0.00	43.75 1.64 0.00	39.10 1.50 0.00
GINNA___ 23603	34.72 -1.86 0.00	30.17 -1.86 0.00	29.70 -1.76 -0.02	28.36 -1.87 0.00	28.32 -1.87 -0.02	30.18 -1.92 -0.01	31.04 -2.02 0.00	33.85 -2.27 -0.04	36.16 -2.35 0.04	37.88 -2.54 -0.06	40.64 -2.73 0.00	47.03 -3.02 0.26	50.12 -3.13 0.69	52.87 -3.01 0.87	58.00 -4.00 1.47	68.89 -4.99 1.69	72.01 -5.42 2.30	89.94 -6.70 1.78	81.39 -5.02 1.80	57.59 -3.53 2.01	53.32 -2.97 0.78	45.62 -2.81 0.00	40.00 -2.10 0.00	35.68 -1.92 0.00
GLEN PARK___ 23778	37.81 0.04 -1.19	32.83 0.00 -0.80	32.23 -0.03 -0.82	30.68 -0.12 -0.58	30.56 -0.12 -0.50	33.16 0.00 -1.07	34.30 0.13 -1.11	37.40 -0.07 -1.40	40.04 -0.15 -1.65	41.90 -0.24 -1.79	44.50 -0.52 -1.65	51.20 -0.55 -1.44	54.96 -0.70 -1.72	58.01 -0.62 -1.89	61.48 -0.76 1.23	73.97 -0.98 0.61	77.61 -0.95 1.17	96.08 -0.98 1.35	87.35 -0.09 0.78	65.99 0.76 -2.10	60.35 0.80 -2.48	50.21 0.43 -1.34	43.48 0.13 -1.25	37.05 -0.11 0.44
GLENDALE_27_KV_LOAD 356172	40.69 4.10 -0.01	35.59 3.55 -0.01	34.81 3.18 -0.20	33.33 3.05 -0.05	33.35 2.99 -0.19	35.31 3.11 -0.11	36.66 3.60 0.00	41.04 4.19 -0.77	43.17 4.63 0.00	45.59 4.64 -0.59	48.32 4.94 0.00	55.84 5.53 0.00	61.52 6.04 -1.54	65.85 6.07 -3.02	74.23 6.98 -3.78	91.13 8.84 -6.72	94.76 9.57 -5.45	116.18 11.81 -5.96	97.98 9.62 -0.15	66.22 6.38 3.28	58.93 5.65 3.79	53.46 5.04 0.00	46.61 4.51 0.00	41.78 4.17 -0.01
GLENWOOD_IC_1_G5 23712	44.03 4.32 -3.13	43.21 3.75 -7.44	42.33 3.40 -7.50	41.51 3.23 -8.05	41.46 3.17 -8.11	41.76 3.37 -6.30	41.91 3.77 -5.09	42.48 4.33 -2.07	43.44 4.78 -0.11	45.59 4.64 -0.59	48.32 4.94 0.00	62.44 5.94 -6.19	67.65 6.53 -7.17	77.36 6.75 -13.85	91.36 7.81 -20.08	165.11 9.67 -79.87	231.13 10.45 -140.95	234.39 12.89 -123.08	163.10 10.76 -64.12	70.14 7.01 0.00	63.06 5.99 0.00	53.66 5.23 0.00	46.48 4.38 0.00	41.92 4.32 0.00
GLENWOOD_IC_2_G1 23688	43.89 4.17 -3.14	43.12 3.65 -7.45	42.22 3.27 -7.51	41.46 3.17 -8.06	41.38 3.08 -8.12	41.68 3.27 -6.31	41.78 3.64 -5.10	42.38 4.22 -2.08	43.17 4.51 -0.11	45.34 4.40 -0.59	48.36 4.99 0.00	62.44 5.93 -6.20	67.65 6.52 -7.18	77.36 6.75 -13.86	91.30 7.74 -20.09	216.74 9.67 -131.50	321.40 10.36 -231.30	324.63 12.79 -213.43	214.71 10.76 -115.73	70.20 7.07 0.00	63.06 5.99 0.00	53.71 5.28 0.00	46.57 4.46 0.00	41.77 4.17 0.00
GLENWOOD_IC_3_G1 23689	43.89 4.17 -3.14	43.12 3.65 -7.45	42.22 3.27 -7.51	41.46 3.17 -8.06	41.38 3.08 -8.12	41.68 3.27 -6.31	41.78 3.64 -5.10	42.38 4.22 -2.08	43.17 4.51 -0.11	45.34 4.40 -0.59	48.36 4.99 0.00	62.44 5.93 -6.20	67.65 6.52 -7.18	77.36 6.75 -13.86	91.30 7.74 -20.09	216.74 9.67 -131.50	321.40 10.36 -231.30	324.63 12.79 -213.43	214.71 10.76 -115.73	70.20 7.07 0.00	63.06 5.99 0.00	53.71 5.28 0.00	46.57 4.46 0.00	41.77 4.17 0.00
GLENWOOD___4 23550	44.03 4.32 -3.13	43.21 3.75 -7.44	42.33 3.40 -7.50	41.51 3.23 -8.05	41.46 3.17 -8.11	41.76 3.37 -6.30	41.91 3.77 -5.09	42.48 4.33 -2.07	43.44 4.78 -0.11	45.59 4.64 -0.59	48.45 5.07 0.00	62.59 6.09 -6.19	67.75 6.64 -7.17	77.53 6.92 -13.85	91.55 8.00 -20.08	165.33 9.90 -79.87	231.29 10.60 -140.95	234.59 13.09 -123.08	163.37 11.03 -64.12	70.33 7.20 0.00	63.17 6.11 0.00	53.80 5.38 0.00	46.61 4.51 0.00	41.92 4.32 0.00
GLENWOOD___5 23614	44.03 4.32 -3.13	43.21 3.75 -7.44	42.33 3.40 -7.50	41.51 3.23 -8.05	41.46 3.17 -8.11	41.76 3.37 -6.30	41.91 3.77 -5.09	42.48 4.33 -2.07	43.44 4.78 -0.11	45.59 4.64 -0.59	48.45 5.07 0.00	62.59 6.09 -6.19	67.75 6.64 -7.17	77.53 6.92 -13.85	91.55 8.00 -20.08	165.33 9.90 -79.87	231.29 10.60 -140.95	234.59 13.09 -123.08	163.37 11.03 -64.12	70.33 7.20 0.00	63.17 6.11 0.00	53.80 5.38 0.00	46.61 4.51 0.00	41.92 4.32 0.00
GLOBAL GREEN_PORT_GT1 23814	45.44 5.70 -3.15	44.45 4.96 -7.46	43.50 4.56 -7.51	42.58 4.29 -8.06	42.49 4.19 -8.12	42.86 4.46 -6.31	43.07 4.93 -5.10	43.86 5.70 -2.08	44.83 6.17 -0.11	47.00 6.05 -0.59	55.32 7.59 -4.35	134.78 8.91 -75.57	135.11 9.60 -71.57	149.70 10.27 -82.67	150.63 11.80 -75.36	280.28 14.20 -190.52	282.09 13.24 -189.11	273.96 16.53 -159.02	281.72 13.85 -179.65	272.23 10.73 -198.37	144.54 9.36 -78.11	141.27 8.09 -84.75	52.04 6.61 -3.32	43.43 5.83 0.00
GLOBE___DSASP 323697	34.06 -2.52 0.00	29.46 -2.56 0.00	28.89 -2.58 -0.03	27.76 -2.48 -0.01	27.67 -2.53 -0.03	29.41 -2.70 -0.02	30.18 -2.88 0.00	32.49 -3.64 -0.05	34.51 -4.01 0.03	35.98 -4.44 -0.07	38.95 -4.42 0.00	44.79 -5.28 0.24	47.86 -5.45 0.64	50.84 -5.11 0.81	55.39 -6.73 1.36	65.53 -8.54 1.49	68.52 -9.09 2.13	85.75 -11.02 1.64	78.35 -8.20 1.66	56.04 -5.24 1.85	51.67 -4.68 0.72	44.21 -4.21 0.00	39.33 -2.78 0.00	35.57 -2.03 0.00
GOETHSLN___LBMP 323567	40.13 3.55 0.00	35.16 3.14 0.00	34.40 2.77 -0.20	32.93 2.66 -0.05	32.96 2.60 -0.19	34.89 2.70 -0.11	36.23 3.17 0.00	40.14 3.68 -0.38	42.64 4.09 0.00	45.02 4.08 -0.59	47.71 4.34 0.00	49.84 4.98 5.45	49.12 5.39 10.22	47.96 5.45 14.24	57.31 6.35 12.51	79.18 8.01 4.39	83.28 8.69 5.15	104.08 10.73 5.06	78.61 8.65 18.25	52.95 5.74 15.93	45.33 4.91 16.64	44.66 4.41 8.17	44.43 3.79 1.47	41.17 3.57 0.00
GOLAH___69_KV_TB 1_2 80279	36.25 -0.33 0.00	31.54 -0.48 0.00	30.86 -0.60 -0.02	29.57 -0.67 -0.01	29.44 -0.75 -0.02	31.36 -0.74 -0.01	32.26 -0.79 0.00	35.15 -0.97 -0.04	37.24 -1.27 0.04	39.09 -1.33 -0.07	42.03 -1.34 0.00	48.54 -1.51 0.26	51.74 -1.51 0.69	54.63 -1.25 0.87	59.78 -2.22 1.48	70.94 -2.95 1.68	74.16 -3.27 2.31	92.79 -3.84 1.79	84.39 -2.03 1.80	59.92 -1.20 2.01	55.60 -0.68 0.78	47.46 -0.97 0.00	41.73 -0.38 0.00	37.52 -0.08 0.00

GOODYEAR_LAKE_HYD 323669	38.63 2.05 0.00	33.79 1.76 0.00	33.28 1.79 -0.05	31.93 1.69 -0.01	31.86 1.63 -0.05	33.95 1.83 -0.03	34.97 1.92 0.00	38.13 1.95 -0.10	40.71 2.16 0.00	42.69 2.18 -0.16	45.76 2.39 0.00	53.08 2.77 0.00	57.81 2.97 -0.90	61.70 3.18 -1.77	69.11 3.43 -2.21	82.97 3.93 -3.47	86.99 4.07 -3.19	107.21 5.31 -3.49	93.42 5.12 -0.09	66.98 3.85 0.00	60.55 3.48 0.00	51.38 2.95 0.00	44.63 2.53 0.00	39.81 2.22 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.59 0.51 -0.49	32.74 0.38 -0.33	32.12 0.28 -0.40	30.77 0.27 -0.27	30.69 0.21 -0.30	32.88 0.32 -0.47	33.88 0.36 -0.46	36.87 0.11 -0.68	39.52 0.31 -0.66	41.29 0.04 -0.89	44.45 0.30 -0.77	51.47 0.15 -1.01	55.09 0.22 -0.93	58.19 0.51 -0.93	64.79 0.32 -1.00	77.77 0.23 -1.98	81.76 0.56 -1.46	101.69 0.79 -2.49	91.35 1.15 -1.98	64.68 1.01 -0.54	58.79 0.91 -0.81	50.08 0.87 -0.79	43.55 0.93 -0.52	38.77 0.75 -0.43
GOUDEY___7 23579	37.66 0.59 -0.49	32.77 0.42 -0.33	32.15 0.31 -0.40	30.80 0.30 -0.27	30.72 0.24 -0.30	32.92 0.35 -0.47	33.91 0.40 -0.46	36.90 0.14 -0.68	39.56 0.35 -0.66	41.33 0.08 -0.89	44.49 0.35 -0.77	51.57 0.25 -1.01	55.14 0.27 -0.93	58.25 0.57 -0.93	64.85 0.38 -1.00	77.85 0.30 -1.98	81.84 0.64 -1.46	101.89 0.98 -2.49	91.43 1.24 -1.98	64.80 1.14 -0.54	58.84 0.97 -0.81	50.13 0.92 -0.79	43.59 0.97 -0.52	38.85 0.83 -0.43
GOUDEY___8 23580	37.59 0.51 -0.49	32.74 0.38 -0.33	32.12 0.28 -0.40	30.77 0.27 -0.27	30.69 0.21 -0.30	32.88 0.32 -0.47	33.88 0.36 -0.46	36.87 0.11 -0.68	39.52 0.31 -0.66	41.29 0.04 -0.89	44.45 0.30 -0.77	51.47 0.15 -1.01	55.09 0.22 -0.93	58.19 0.51 -0.93	64.79 0.32 -1.00	77.77 0.23 -1.98	81.76 0.56 -1.46	101.69 0.79 -2.49	91.35 1.15 -1.98	64.68 1.01 -0.54	58.79 0.91 -0.81	50.08 0.87 -0.79	43.55 0.93 -0.52	38.77 0.75 -0.43
GOWANUS_GT1_1 24077	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT1_2 24078	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT1_3 24079	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT1_4 24080	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT1_5 24084	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT1_6 24111	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT1_7 24112	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT1_8 24113	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT2_1 24114	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT2_2 24115	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT2_3 24116	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11

GOWANUS_GT2_4 24117	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT2_5 24118	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT2_6 24119	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT2_7 24120	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT2_8 24121	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT3_1 24122	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT3_2 24123	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT3_3 24124	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT3_4 24125	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT3_5 24126	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT3_6 24127	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT3_7 24128	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT3_8 24129	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
GOWANUS_GT4_1 24130	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	94.74 5.04 -41.28	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT4_2 24131	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	94.74 5.04 -41.28	46.57 4.46 0.00	41.88 4.17 -0.11

GOWANUS_GT4_3 24132	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	94.74 5.04 -41.28	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT4_4 24133	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	94.74 5.04 -41.28	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT4_5 24134	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	94.74 5.04 -41.28	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT4_6 24135	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	94.74 5.04 -41.28	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT4_7 24136	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	94.74 5.04 -41.28	46.57 4.46 0.00	41.88 4.17 -0.11
GOWANUS_GT4_8 24137	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	94.74 5.04 -41.28	46.57 4.46 0.00	41.88 4.17 -0.11
GREENBSH_115KV_TB3 55895	37.90 1.32 0.00	33.21 1.18 0.00	32.79 1.10 -0.26	31.31 1.03 -0.06	31.45 1.03 -0.25	33.35 1.12 -0.14	34.21 1.16 0.00	37.76 1.19 -0.48	39.94 1.39 0.00	42.52 1.41 -0.76	44.93 1.56 0.00	51.97 1.66 0.00	29.25 1.67 26.36	6.77 1.76 51.74	1.02 2.09 64.55	-9.19 2.64 87.40	-10.58 2.79 93.11	0.02 3.35 101.74	88.41 2.82 2.63	65.09 1.96 0.00	58.78 1.71 0.00	49.88 1.45 0.00	43.45 1.35 0.00	38.80 1.20 0.00
GREENDGE_115KV_TB5 80291	37.01 0.04 -0.39	32.13 -0.16 -0.26	31.61 -0.13 -0.30	30.23 -0.21 -0.21	30.16 -0.24 -0.23	32.20 -0.26 -0.37	33.22 -0.20 -0.37	36.50 -0.11 -0.52	38.96 -0.12 -0.53	40.75 -0.28 -0.68	43.84 -0.17 -0.64	50.79 -0.25 -0.74	54.18 -0.27 -0.51	57.25 0.06 -0.44	63.37 -0.38 -0.28	75.70 -0.68 -0.81	79.13 -0.96 -0.35	96.76 -2.95 -1.30	88.84 -0.26 -0.89	63.18 0.38 0.33	57.92 0.51 -0.34	49.34 0.29 -0.62	43.06 0.55 -0.41	38.27 0.34 -0.34
GREENIDGE___3 23582	37.01 0.04 -0.39	32.13 -0.16 -0.26	31.61 -0.13 -0.30	30.23 -0.21 -0.21	30.16 -0.24 -0.23	32.20 -0.26 -0.37	33.22 -0.20 -0.37	36.50 -0.11 -0.52	38.96 -0.12 -0.53	40.75 -0.28 -0.68	43.84 -0.17 -0.64	50.79 -0.25 -0.74	54.18 -0.27 -0.51	57.25 0.06 -0.44	63.37 -0.38 -0.28	75.70 -0.68 -0.81	79.13 -0.96 -0.35	96.76 -2.95 -1.30	88.84 -0.26 -0.89	63.18 0.38 0.33	57.92 0.51 -0.34	49.34 0.29 -0.62	43.06 0.55 -0.41	38.27 0.34 -0.34
GREENIDGE___4 23583	37.12 0.15 -0.39	32.35 0.06 -0.26	31.64 -0.09 -0.30	30.29 -0.15 -0.21	30.19 -0.21 -0.23	32.33 -0.13 -0.37	33.32 -0.10 -0.37	36.64 0.04 -0.52	39.12 0.04 -0.53	40.96 -0.08 -0.68	43.84 -0.17 -0.64	50.79 -0.25 -0.74	54.19 -0.27 -0.51	57.25 0.06 -0.44	63.43 -0.32 -0.28	75.70 -0.68 -0.81	79.12 -0.95 -0.33	96.76 -2.95 -1.30	88.84 -0.26 -0.89	63.18 0.38 0.33	57.75 0.34 -0.34	49.34 0.29 -0.62	43.06 0.55 -0.41	38.23 0.30 -0.34
GREENLWN_69_KV_BK 3 55738	43.26 3.55 -3.12	42.57 3.11 -7.44	41.74 2.80 -7.50	41.00 2.72 -8.05	40.97 2.69 -8.11	41.19 2.79 -6.30	41.35 3.21 -5.09	41.83 3.68 -2.07	42.70 4.05 -0.11	44.70 3.75 -0.59	46.84 4.42 0.96	46.61 5.33 9.03	52.87 5.88 6.95	61.58 6.07 1.24	78.54 7.11 -7.96	77.57 8.84 6.84	110.34 9.49 -21.12	116.15 11.81 -5.93	74.34 9.79 23.66	25.93 6.31 43.51	45.24 5.31 17.14	34.44 4.60 18.59	45.25 3.87 0.73	41.09 3.50 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11
GRISSOM___SOLAR 323813	42.07 5.49 0.00	36.70 4.68 0.00	36.07 4.34 -0.29	34.44 4.14 -0.07	34.44 3.98 -0.28	36.80 4.55 -0.16	37.94 4.89 0.00	41.65 5.01 -0.55	44.25 5.70 0.00	46.86 5.65 -0.86	49.45 6.07 0.00	57.45 7.14 0.00	64.34 7.61 -2.79	70.05 7.83 -5.47	78.86 8.57 -6.82	97.67 10.50 -11.61	100.18 10.61 -9.84	124.22 15.06 -10.75	103.43 14.91 -0.30	73.80 10.67 0.00	66.26 9.19 0.00	56.13 7.70 0.00	48.80 6.70 0.00	43.16 5.56 0.00
GROVEVILLE___HYD 323602	40.10 3.51 0.00	35.10 3.07 0.00	34.43 2.80 -0.20	32.96 2.69 -0.05	32.99 2.63 -0.19	34.96 2.76 -0.11	36.13 3.07 0.00	39.89 3.43 -0.38	42.71 4.16 0.00	45.10 4.16 -0.59	48.01 4.64 0.00	55.64 5.33 0.00	61.24 5.93 -1.36	65.55 6.13 -2.67	73.98 7.17 -3.33	90.59 8.92 -6.10	93.39 8.85 -4.80	114.58 10.92 -5.25	97.51 9.17 -0.12	69.38 6.25 0.00	62.49 5.42 0.00	53.03 4.60 0.00	45.94 3.83 0.00	41.13 3.53 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.88 0.04 -1.26	32.87 0.00 -0.85	32.25 -0.06 -0.88	30.76 -0.12 -0.65	30.66 -0.15 -0.64	33.16 -0.06 -1.14	34.19 -0.03 -1.17	37.53 -0.04 -1.49	40.24 -0.04 -1.73	42.26 0.00 -1.91	45.12 -0.26 -2.00	52.75 -0.35 -2.79	56.50 -0.32 -2.88	59.47 -0.28 -3.01	66.61 -0.44 -3.58	80.30 -0.60 -5.34	84.37 -0.72 -5.35	105.05 -0.89 -7.52	93.93 -0.53 -6.24	65.52 -0.32 -2.71	59.52 -0.11 -2.57	50.28 -0.15 -2.00	43.64 0.21 -1.32	38.76 0.08 -1.09

HAMLTNNY_34_KV_TB 80303	37.98 0.07 -1.33	32.92 0.00 -0.89	32.30 -0.06 -0.93	30.79 -0.12 -0.68	30.73 -0.12 -0.67	33.22 -0.06 -1.20	34.26 -0.03 -1.24	37.62 -0.04 -1.57	40.34 -0.04 -1.83	42.33 -0.04 -2.02	45.40 -0.09 -2.12	53.16 -0.10 -2.95	56.93 -0.05 -3.04	59.98 0.06 -3.18	67.13 -0.13 -3.79	80.98 -0.23 -5.64	85.07 -0.32 -5.65	105.96 -0.39 -7.94	94.81 0.00 -6.59	66.11 0.13 -2.86	60.01 0.23 -2.71	50.63 0.10 -2.11	43.80 0.29 -1.40	38.89 0.15 -1.15
HAMPSHIRE___PAPER_HYD 323593	35.52 -1.54 -0.47	31.02 -1.31 -0.31	30.47 -1.29 -0.32	29.09 -1.27 -0.13	28.91 -1.24 0.03	31.26 -1.25 -0.42	32.30 -1.19 -0.44	35.26 -1.37 -0.55	37.64 -1.54 -0.64	39.37 -1.69 -0.71	41.50 -1.91 -0.04	45.62 -2.16 2.52	49.37 -2.37 2.20	52.17 -2.44 2.14	48.09 -2.73 12.66	57.29 -3.25 15.03	59.31 -3.35 17.08	71.99 -4.13 22.30	66.95 -3.53 17.73	59.41 -2.15 1.57	55.78 -1.88 -0.59	45.82 -1.79 0.81	40.83 -1.77 -0.49	32.20 -1.65 3.74
HARDSCRABBLE_WT_PWR 323673	37.50 0.91 0.00	32.82 0.80 0.00	32.22 0.79 0.00	30.98 0.76 0.00	30.92 0.75 0.01	32.92 0.83 0.00	33.91 0.86 0.00	37.02 0.94 0.00	39.59 1.04 0.00	41.52 1.17 0.00	44.70 1.26 -0.07	52.15 1.51 -0.34	55.82 1.57 -0.31	58.64 1.59 -0.31	66.50 1.71 -1.32	79.13 1.96 -1.60	83.60 2.07 -1.80	103.33 2.55 -2.36	92.39 2.29 -1.89	65.08 1.71 -0.24	58.58 1.48 -0.03	49.88 1.31 -0.15	43.24 1.14 0.00	39.04 1.05 -0.39
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.80 3.22 0.00	34.81 2.79 0.00	34.13 2.51 -0.18	32.69 2.42 -0.04	32.71 2.35 -0.18	34.66 2.47 -0.10	35.86 2.81 0.00	39.61 3.18 -0.35	42.06 3.51 0.00	44.37 3.47 -0.54	47.23 3.86 0.00	54.84 4.53 -1.26	60.22 5.02 -2.48	64.39 5.16 -3.10	72.66 6.09 -5.66	88.78 7.56 -4.46	92.41 8.21 -4.88	113.53 10.23 -4.88	96.81 8.47 -0.13	68.81 5.68 0.00	61.98 4.91 0.00	52.59 4.16 0.00	45.60 3.49 0.00	40.83 3.23 0.00
HARSNRAD_115KV_TB1 81005	34.64 -1.94 0.00	30.04 -1.99 0.00	29.33 -2.14 -0.03	28.18 -2.06 -0.01	28.09 -2.11 -0.03	29.89 -2.21 -0.02	30.74 -2.31 0.00	33.14 -2.99 -0.05	35.28 -3.24 0.03	36.71 -3.71 -0.07	39.77 -3.60 0.00	45.64 -4.43 0.24	48.78 -4.53 0.64	51.80 -4.14 0.81	56.40 -5.71 1.36	66.81 -7.25 1.50	69.87 -7.73 2.13	87.52 -9.25 1.64	79.85 -6.70 1.66	57.17 -4.10 1.85	52.69 -3.65 0.72	45.18 -3.24 0.00	40.13 -1.98 0.00	36.62 -0.98 0.00
HARZA MOOSE___RIVER 24016	37.63 0.66 -0.39	32.83 0.54 -0.26	32.21 0.50 -0.27	30.82 0.42 -0.17	30.72 0.42 -0.13	32.99 0.55 -0.35	34.04 0.63 -0.36	37.19 0.65 -0.46	39.74 0.66 -0.53	41.55 0.61 -0.59	44.45 0.61 -0.47	51.13 0.70 -0.12	54.85 0.70 -0.21	57.85 0.85 -0.25	62.62 0.95 1.80	74.74 1.06 1.88	78.62 1.20 2.31	97.10 1.57 2.89	87.74 1.76 2.24	65.13 1.70 -0.30	59.33 1.54 -0.72	49.93 1.21 -0.29	43.40 0.88 -0.41	37.75 0.68 0.53
HDSNBRDG_115KV_BRDG_TB1 355580	37.02 -0.26 -0.69	32.24 -0.26 -0.47	31.64 -0.28 -0.49	30.25 -0.33 -0.36	30.16 -0.36 -0.35	32.43 -0.29 -0.63	33.40 -0.30 -0.65	36.55 -0.36 -0.83	39.14 -0.35 -0.94	41.10 -0.32 -1.07	44.09 -0.39 -1.11	51.33 -0.40 -1.42	54.78 -0.43 -1.27	57.67 -0.34 -1.26	64.27 -0.51 -1.30	77.03 -0.68 -2.14	80.83 -0.80 -1.89	100.76 -0.98 -3.33	90.22 -0.62 -2.62	63.32 -0.38 -0.57	57.84 -0.29 -1.06	49.24 -0.29 -1.10	42.71 -0.13 -0.73	38.01 -0.19 -0.60
HELLGATE_13_KV_LD 55870	40.47 3.88 -0.01	35.43 3.39 -0.01	34.66 3.02 -0.20	33.18 2.90 -0.05	33.21 2.84 -0.20	35.15 2.95 -0.11	36.42 3.37 0.00	40.82 3.97 -0.77	42.91 4.36 0.00	45.30 4.36 -0.59	47.97 4.60 0.00	55.39 5.08 0.00	61.04 5.56 -1.54	65.39 5.62 -3.02	73.66 6.41 -3.77	90.45 8.16 -6.72	93.96 8.77 -5.45	115.20 10.83 -5.96	97.18 8.82 -0.15	66.43 5.81 2.51	59.36 5.19 2.90	53.03 4.60 0.00	46.27 4.17 0.00	41.55 3.95 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.47 3.88 -0.01	35.43 3.39 -0.01	34.66 3.02 -0.20	33.18 2.90 -0.05	33.21 2.84 -0.20	35.15 2.95 -0.11	36.42 3.37 0.00	40.82 3.97 -0.77	42.91 4.36 0.00	45.30 4.36 -0.59	47.97 4.60 0.00	55.39 5.08 0.00	61.04 5.56 -1.54	65.39 5.62 -3.02	73.66 6.41 -3.77	90.45 8.16 -6.72	93.96 8.77 -5.45	115.20 10.83 -5.96	97.18 8.82 -0.15	66.43 5.81 2.51	59.36 5.19 2.90	53.03 4.60 0.00	46.27 4.17 0.00	41.55 3.95 -0.01
HEMPSTEAD____ 23647	43.78 4.06 -3.14	43.03 3.55 -7.45	42.16 3.21 -7.51	41.37 3.08 -8.06	41.31 3.02 -8.12	41.58 3.18 -6.31	41.72 3.57 -5.10	42.31 4.15 -2.08	43.09 4.43 -0.11	45.18 4.24 -0.59	48.23 4.86 0.00	62.29 5.78 -6.20	67.43 6.31 -7.18	77.13 6.52 -13.86	91.11 7.55 -20.09	141.72 9.44 -56.71	190.28 10.13 -100.42	193.46 12.50 -82.55	139.65 10.49 -40.94	69.95 6.82 0.00	62.89 5.82 0.00	53.56 5.13 0.00	46.44 4.34 0.00	41.70 4.10 0.00
HEWLETT_69_KV_BK3 55828	44.21 4.50 -3.13	43.37 3.91 -7.44	42.49 3.55 -7.50	41.66 3.39 -8.05	41.61 3.32 -8.11	41.89 3.50 -6.30	42.01 3.87 -5.09	42.55 4.40 -2.07	43.55 4.90 -0.11	45.67 4.72 -0.59	48.75 5.38 0.00	62.69 6.19 -6.19	67.86 6.74 -7.17	77.53 6.92 -13.85	91.55 8.00 -20.08	127.39 9.97 -41.85	164.84 10.68 -74.42	168.25 13.29 -56.55	125.52 11.20 -26.10	70.52 7.39 0.00	63.46 6.39 0.00	54.29 5.86 0.00	47.11 5.01 0.00	42.11 4.51 0.00
HICKLING___1 23621	37.39 0.40 -0.40	32.49 0.19 -0.27	31.73 -0.03 -0.32	30.39 -0.06 -0.22	30.27 -0.15 -0.25	32.47 0.00 -0.38	33.53 0.10 -0.37	36.90 0.25 -0.56	39.60 0.50 -0.55	41.17 0.08 -0.74	44.55 0.52 -0.66	51.46 0.35 -0.80	55.00 0.43 -0.62	58.18 0.85 -0.58	64.53 0.57 -0.49	77.20 0.45 -1.18	80.02 -0.40 -0.68	99.69 -0.30 -1.57	89.99 0.62 -1.15	63.88 0.82 0.07	58.21 0.68 -0.45	49.84 0.77 -0.64	43.58 1.05 -0.42	38.77 0.83 -0.35
HICKLING___2 23622	37.39 0.40 -0.40	32.49 0.19 -0.27	31.73 -0.03 -0.32	30.39 -0.06 -0.22	30.27 -0.15 -0.25	32.47 0.00 -0.38	33.53 0.10 -0.37	36.90 0.25 -0.56	39.60 0.50 -0.55	41.17 0.08 -0.74	44.55 0.52 -0.66	51.46 0.35 -0.80	55.00 0.43 -0.62	58.18 0.85 -0.58	64.53 0.57 -0.49	77.20 0.45 -1.18	80.02 -0.40 -0.68	99.69 -0.30 -1.57	89.99 0.62 -1.15	63.88 0.82 0.07	58.21 0.68 -0.45	49.84 0.77 -0.64	43.58 1.05 -0.42	38.77 0.83 -0.35
HIGH FALLS___HY 23754	40.02 3.44 0.00	35.00 2.98 0.00	34.37 2.73 -0.20	32.87 2.60 -0.05	32.90 2.53 -0.19	34.83 2.63 -0.11	36.03 2.97 0.00	39.74 3.28 -0.38	42.21 3.66 0.00	44.50 3.55 -0.59	47.32 3.95 0.00	54.94 4.63 0.00	57.12 5.29 2.11	58.06 5.45 4.14	64.72 6.41 5.17	77.92 8.01 5.65	81.14 8.85 7.45	101.29 11.02 8.14	97.27 9.26 0.21	69.38 6.25 0.00	62.55 5.48 0.00	53.08 4.65 0.00	45.85 3.75 0.00	41.05 3.46 0.00
HIGH_RIVER___SOLAR 323847	38.93 2.34 0.00	34.08 2.05 0.00	33.63 1.92 -0.27	32.14 1.84 -0.06	32.25 1.81 -0.26	34.26 2.02 -0.15	35.14 2.08 0.00	38.73 2.13 -0.52	40.86 2.31 0.00	43.47 2.30 -0.81	45.80 2.43 0.00	53.12 2.82 0.00	59.97 2.96 -3.06	65.82 3.06 -6.01	74.46 3.49 -7.50	92.22 4.23 -12.42	95.02 4.46 -10.82	116.24 6.00 -11.82	94.37 5.82 -0.33	67.36 4.23 0.00	60.89 3.82 0.00	51.67 3.25 0.00	44.88 2.78 0.00	39.97 2.37 0.00

HILLBURN___GT 23639	39.80 3.22 0.00	34.84 2.82 0.00	34.14 2.52 -0.19	32.69 2.42 -0.04	32.71 2.36 -0.18	34.66 2.47 -0.10	35.90 2.84 0.00	39.72 3.28 -0.36	42.02 3.47 0.00	44.46 3.55 -0.55	47.28 3.91 0.00	54.89 4.58 0.00	60.29 5.02 -1.32	64.51 5.16 -2.60	72.75 6.03 -3.24	89.01 7.56 -5.89	92.63 8.21 -4.68	113.66 10.14 -5.11	96.62 8.29 -0.11	68.69 5.56 0.00	61.80 4.73 0.00	52.54 4.11 0.00	45.60 3.49 0.00	40.83 3.23 0.00
HILLSIDE_115KV_TB1 80332	36.89 -0.11 -0.42	32.08 -0.22 -0.28	31.36 -0.41 -0.33	30.06 -0.39 -0.23	29.95 -0.48 -0.25	32.10 -0.39 -0.40	33.11 -0.33 -0.39	36.44 -0.22 -0.58	39.19 0.08 -0.57	40.75 -0.36 -0.76	44.14 0.09 -0.68	50.94 -0.20 -0.83	54.45 -0.16 -0.67	57.61 0.23 -0.63	63.97 -0.06 -0.56	76.56 -0.30 -1.29	79.25 -1.28 -0.79	98.74 -1.38 -1.71	89.05 -0.44 -1.28	63.14 0.00 -0.02	57.46 -0.11 -0.51	49.18 0.10 -0.66	42.96 0.42 -0.44	38.26 0.30 -0.36
HISHELDN_WT_PWR 323625	35.71 -0.88 0.00	30.93 -1.09 0.00	30.05 -1.41 -0.03	29.06 -1.18 -0.01	28.79 -1.42 -0.03	30.76 -1.35 -0.02	31.76 -1.29 0.00	34.48 -1.66 -0.06	36.79 -1.73 0.03	38.30 -2.14 -0.09	41.07 -2.30 0.00	47.03 -3.07 0.21	50.26 -3.13 0.55	53.44 -2.61 0.70	58.61 -3.68 1.18	69.27 -5.06 1.23	72.55 -5.34 1.84	90.69 -6.30 1.43	82.63 -4.14 1.44	59.06 -2.46 1.61	53.93 -2.51 0.63	46.73 -1.70 0.00	41.30 -0.80 0.00	37.07 -0.53 0.00
HOLTSVILLE_IC_1 23690	43.97 4.24 -3.15	43.26 3.78 -7.46	42.44 3.49 -7.51	41.67 3.38 -8.06	41.59 3.29 -8.12	41.90 3.50 -6.31	42.11 3.96 -5.10	42.71 4.55 -2.08	43.29 4.62 -0.11	45.18 4.24 -0.59	52.75 5.12 -4.26	130.44 5.98 -74.15	130.71 6.52 -70.25	144.76 6.75 -81.26	145.50 7.80 -74.22	272.32 9.67 -187.08	276.18 10.36 -186.08	267.45 12.79 -156.25	275.18 10.85 -176.12	264.56 7.13 -194.30	139.62 6.05 -76.51	136.72 5.28 -83.01	49.87 4.51 -3.25	41.62 4.02 0.00
HOLTSVILLE_IC_10 23699	44.27 4.54 -3.15	43.52 4.03 -7.46	42.65 3.71 -7.51	41.85 3.57 -8.06	41.80 3.50 -8.12	42.12 3.72 -6.31	42.31 4.16 -5.10	42.96 4.80 -2.08	43.56 4.90 -0.11	45.50 4.56 -0.59	53.48 5.51 -4.60	136.23 6.44 -79.48	136.20 7.06 -75.19	150.62 7.32 -86.55	150.39 8.44 -78.47	285.94 10.35 -200.02	288.45 11.16 -197.55	278.86 13.67 -166.77	289.29 11.64 -189.43	280.44 7.76 -209.54	146.20 6.62 -82.51	143.71 5.76 -89.53	50.50 4.88 -3.51	41.92 4.32 -0.01
HOLTSVILLE_IC_2 23691	43.97 4.24 -3.15	43.26 3.78 -7.46	42.44 3.49 -7.51	41.67 3.38 -8.06	41.59 3.29 -8.12	41.90 3.50 -6.31	42.11 3.96 -5.10	42.71 4.55 -2.08	43.29 4.62 -0.11	45.18 4.24 -0.59	52.75 5.12 -4.26	130.44 5.98 -74.15	130.71 6.52 -70.25	144.76 6.75 -81.26	145.50 7.80 -74.22	272.32 9.67 -187.08	276.18 10.36 -186.08	267.45 12.79 -156.25	275.18 10.85 -176.12	264.56 7.13 -194.30	139.62 6.05 -76.51	136.72 5.28 -83.01	49.87 4.51 -3.25	41.62 4.02 0.00
HOLTSVILLE_IC_3 23692	43.97 4.24 -3.15	43.26 3.78 -7.46	42.44 3.49 -7.51	41.67 3.38 -8.06	41.59 3.29 -8.12	41.90 3.50 -6.31	42.11 3.96 -5.10	42.71 4.55 -2.08	43.29 4.62 -0.11	45.18 4.24 -0.59	52.75 5.12 -4.26	130.44 5.98 -74.15	130.71 6.52 -70.25	144.76 6.75 -81.26	145.50 7.80 -74.22	272.32 9.67 -187.08	276.18 10.36 -186.08	267.45 12.79 -156.25	275.18 10.85 -176.12	264.56 7.13 -194.30	139.62 6.05 -76.51	136.72 5.28 -83.01	49.87 4.51 -3.25	41.62 4.02 0.00
HOLTSVILLE_IC_4 23693	43.97 4.24 -3.15	43.26 3.78 -7.46	42.44 3.49 -7.51	41.67 3.38 -8.06	41.59 3.29 -8.12	41.90 3.50 -6.31	42.11 3.96 -5.10	42.71 4.55 -2.08	43.29 4.62 -0.11	45.18 4.24 -0.59	52.75 5.12 -4.26	130.44 5.98 -74.15	130.71 6.52 -70.25	144.76 6.75 -81.26	145.50 7.80 -74.22	272.32 9.67 -187.08	276.18 10.36 -186.08	267.45 12.79 -156.25	275.18 10.85 -176.12	264.56 7.13 -194.30	139.62 6.05 -76.51	136.72 5.28 -83.01	49.87 4.51 -3.25	41.62 4.02 0.00
HOLTSVILLE_IC_5 23694	43.97 4.24 -3.15	43.26 3.78 -7.46	42.44 3.49 -7.51	41.67 3.38 -8.06	41.59 3.29 -8.12	41.90 3.50 -6.31	42.11 3.96 -5.10	42.71 4.55 -2.08	43.29 4.62 -0.11	45.18 4.24 -0.59	52.75 5.12 -4.26	130.44 5.98 -74.15	130.71 6.52 -70.25	144.76 6.75 -81.26	145.50 7.80 -74.22	272.32 9.67 -187.08	276.18 10.36 -186.08	267.45 12.79 -156.25	275.18 10.85 -176.12	264.56 7.13 -194.30	139.62 6.05 -76.51	136.72 5.28 -83.01	49.87 4.51 -3.25	41.62 4.02 0.00
HOLTSVILLE_IC_6 23695	44.27 4.54 -3.15	43.52 4.03 -7.46	42.65 3.71 -7.51	41.85 3.57 -8.06	41.80 3.50 -8.12	42.12 3.72 -6.31	42.31 4.16 -5.10	42.96 4.80 -2.08	43.56 4.90 -0.11	45.50 4.56 -0.59	53.48 5.51 -4.60	136.23 6.44 -79.48	136.20 7.06 -75.19	150.62 7.32 -86.55	150.39 8.44 -78.47	285.94 10.35 -200.02	288.45 11.16 -197.55	278.86 13.67 -166.77	289.29 11.64 -189.43	280.44 7.76 -209.54	146.20 6.62 -82.51	143.71 5.76 -89.53	50.50 4.88 -3.51	41.92 4.32 -0.01
HOLTSVILLE_IC_7 23696	44.27 4.54 -3.15	43.52 4.03 -7.46	42.65 3.71 -7.51	41.85 3.57 -8.06	41.80 3.50 -8.12	42.12 3.72 -6.31	42.31 4.16 -5.10	42.96 4.80 -2.08	43.56 4.90 -0.11	45.50 4.56 -0.59	53.48 5.51 -4.60	136.23 6.44 -79.48	136.20 7.06 -75.19	150.62 7.32 -86.55	150.39 8.44 -78.47	285.94 10.35 -200.02	288.45 11.16 -197.55	278.86 13.67 -166.77	289.29 11.64 -189.43	280.44 7.76 -209.54	146.20 6.62 -82.51	143.71 5.76 -89.53	50.50 4.88 -3.51	41.92 4.32 -0.01
HOLTSVILLE_IC_8 23697	44.27 4.54 -3.15	43.52 4.03 -7.46	42.65 3.71 -7.51	41.85 3.57 -8.06	41.80 3.50 -8.12	42.12 3.72 -6.31	42.31 4.16 -5.10	42.96 4.80 -2.08	43.56 4.90 -0.11	45.50 4.56 -0.59	53.48 5.51 -4.60	136.23 6.44 -79.48	136.20 7.06 -75.19	150.62 7.32 -86.55	150.39 8.44 -78.47	285.94 10.35 -200.02	288.45 11.16 -197.55	278.86 13.67 -166.77	289.29 11.64 -189.43	280.44 7.76 -209.54	146.20 6.62 -82.51	143.71 5.76 -89.53	50.50 4.88 -3.51	41.92 4.32 -0.01
HOLTSVILLE_IC_9 23698	44.27 4.54 -3.15	43.52 4.03 -7.46	42.65 3.71 -7.51	41.85 3.57 -8.06	41.80 3.50 -8.12	42.12 3.72 -6.31	42.31 4.16 -5.10	42.96 4.80 -2.08	43.56 4.90 -0.11	45.50 4.56 -0.59	53.48 5.51 -4.60	136.23 6.44 -79.48	136.20 7.06 -75.19	150.62 7.32 -86.55	150.39 8.44 -78.47	285.94 10.35 -200.02	288.45 11.16 -197.55	278.86 13.67 -166.77	289.29 11.64 -189.43	280.44 7.76 -209.54	146.20 6.62 -82.51	143.71 5.76 -89.53	50.50 4.88 -3.51	41.92 4.32 -0.01
HOMER_HL_115KV_TB2 355744	35.82 -0.77 0.00	31.10 -0.93 0.00	30.06 -1.41 -0.04	29.15 -1.09 -0.01	28.88 -1.33 -0.03	30.95 -1.16 -0.02	32.00 -1.06 0.00	33.91 -2.24 -0.07	37.25 -1.27 0.03	37.22 -3.23 -0.09	41.42 -1.95 0.00	46.39 -3.72 0.20	49.54 -3.88 0.52	52.91 -3.18 0.66	58.04 -4.32 1.12	68.83 -5.59 1.14	72.24 -5.74 1.75	90.27 -6.79 1.35	82.00 -4.85 1.36	58.64 -2.97 1.52	53.62 -2.85 0.59	47.07 -1.36 0.00	41.60 -0.51 0.00	37.60 0.00 0.00
HOWARD_WT_PWR 323690	37.02 0.15 -0.29	32.12 -0.10 -0.19	31.14 -0.53 -0.24	29.96 -0.42 -0.16	29.69 -0.66 -0.18	31.85 -0.51 -0.28	32.93 -0.40 -0.27	36.17 -0.33 -0.41	38.59 -0.35 -0.39	40.29 -0.60 -0.54	43.15 -0.70 -0.47	49.60 -1.21 -0.50	52.91 -1.30 -0.26	55.96 -0.97 -0.17	61.89 -1.52 0.06	73.60 -2.34 -0.38	76.94 -2.63 0.17	96.00 -3.05 -0.63	87.40 -1.15 -0.33	62.27 -0.25 0.61	56.84 -0.34 -0.11	49.08 0.19 -0.46	43.04 0.63 -0.30	38.33 0.49 -0.25

HQ_GEN_CEDARS 23644	34.79 -1.79 0.00	30.49 -1.54 0.00	30.02 -1.41 0.00	28.68 -1.33 0.22	28.33 -1.30 0.55	30.71 -1.38 0.00	31.60 -1.45 0.00	34.53 -1.55 0.00	36.72 -1.81 0.02	38.46 -1.90 0.00	39.97 -2.13 1.28	41.51 -2.41 6.39	45.49 -2.59 5.86	48.18 -2.72 5.85	35.39 -3.05 25.04	41.51 -3.63 30.42	41.77 -3.83 34.14	48.81 -4.72 44.88	47.94 -4.41 35.86	55.42 -3.09 4.62	53.68 -2.74 0.65	43.17 -2.47 2.78	39.82 -2.27 0.01	28.18 -1.99 7.42
HQ_GEN_CEDARS_PROXY 323590	34.68 -1.90 0.00	30.86 -1.60 -0.44	29.49 -1.51 0.44	28.62 -1.39 0.22	28.27 -1.36 0.55	30.65 -1.44 0.00	31.60 -1.45 0.00	34.46 -1.62 0.00	36.72 -1.81 0.02	38.38 -1.98 0.00	39.97 -2.12 1.28	41.51 -2.41 6.39	45.25 -2.59 6.11	48.43 -2.72 5.60	35.39 -3.05 25.04	41.52 -3.63 30.42	41.77 -3.83 34.14	48.81 -4.72 44.88	47.94 -4.41 35.86	55.42 -3.09 4.62	53.68 -2.74 0.65	45.25 -2.47 0.71	38.66 -2.27 1.17	27.26 -1.99 8.34
HQ_GEN_IMPORT 323601	35.60 -0.99 0.00	31.60 -0.86 -0.44	30.21 -0.78 0.44	29.51 -0.73 -0.01	29.50 -0.69 -0.02	29.51 -0.80 1.78	31.30 -0.83 0.93	35.18 -0.90 0.00	37.54 -1.00 0.01	39.35 -1.01 0.00	41.98 -1.08 0.31	47.52 -1.26 1.53	50.94 -1.35 1.65	54.18 -1.42 1.16	55.88 -1.58 6.01	66.38 -1.89 7.30	69.55 -1.99 8.20	85.18 -2.46 10.77	77.31 -2.29 8.61	60.38 -1.64 1.11	55.43 -1.48 0.15	48.57 -1.26 -1.40	39.81 -1.13 1.16	33.88 -1.01 2.70
HQ_GEN_WHEEL 23651	35.60 -0.99 0.00	31.60 -0.86 -0.44	30.21 -0.78 0.44	29.51 -0.73 -0.01	29.50 -0.69 -0.02	29.51 -0.80 1.78	31.30 -0.83 0.93	35.18 -0.90 0.00	37.54 -1.00 0.01	39.35 -1.01 0.00	41.98 -1.08 0.31	47.52 -1.26 1.53	50.94 -1.35 1.65	54.18 -1.42 1.16	55.88 -1.58 6.01	66.38 -1.89 7.30	69.55 -1.99 8.20	85.18 -2.46 10.77	77.31 -2.29 8.61	60.38 -1.64 1.11	55.43 -1.48 0.15	48.57 -1.26 -1.40	39.81 -1.13 1.16	33.88 -1.01 2.70
HUDSON AVE_GT_3 23810	40.39 3.80 0.00	35.32 3.30 0.00	34.59 2.95 -0.20	33.12 2.84 -0.05	33.11 2.75 -0.19	35.09 2.89 -0.11	36.42 3.37 0.00	40.39 3.93 -0.38	42.91 4.36 0.00	45.34 4.40 -0.59	48.10 4.73 0.00	55.74 5.43 0.00	61.42 5.93 -1.54	65.80 6.02 -3.03	74.17 6.92 -3.78	91.05 8.77 -6.72	94.68 9.49 -5.45	115.99 11.61 -5.96	97.90 9.53 -0.15	69.44 6.31 0.00	62.55 5.48 0.00	53.27 4.84 0.00	46.27 4.17 0.00	41.47 3.87 0.00
HUDSON AVE_GT_4 23540	40.39 3.80 0.00	35.32 3.30 0.00	34.59 2.95 -0.20	33.12 2.84 -0.05	33.11 2.75 -0.19	35.09 2.89 -0.11	36.42 3.37 0.00	40.39 3.93 -0.38	42.91 4.36 0.00	45.34 4.40 -0.59	48.10 4.73 0.00	55.74 5.43 0.00	61.42 5.93 -1.54	65.80 6.02 -3.03	74.17 6.92 -3.78	91.05 8.77 -6.72	94.68 9.49 -5.45	115.99 11.61 -5.96	97.90 9.53 -0.15	69.44 6.31 0.00	62.55 5.48 0.00	53.27 4.84 0.00	46.27 4.17 0.00	41.47 3.87 0.00
HUDSON AVE_GT_5 23657	40.39 3.80 0.00	35.32 3.30 0.00	34.59 2.95 -0.20	33.12 2.84 -0.05	33.11 2.75 -0.19	35.09 2.89 -0.11	36.42 3.37 0.00	40.39 3.93 -0.38	42.91 4.36 0.00	45.34 4.40 -0.59	48.10 4.73 0.00	55.74 5.43 0.00	61.42 5.93 -1.54	65.80 6.02 -3.03	74.17 6.92 -3.78	91.05 8.77 -6.72	94.68 9.49 -5.45	115.99 11.61 -5.96	97.90 9.53 -0.15	69.44 6.31 0.00	62.55 5.48 0.00	53.27 4.84 0.00	46.27 4.17 0.00	41.47 3.87 0.00
HUDSON_AVE_10 24168	40.28 3.69 0.00	35.26 3.23 0.00	34.50 2.86 -0.20	33.02 2.75 -0.05	33.02 2.66 -0.19	34.99 2.79 -0.11	36.33 3.27 0.00	40.28 3.82 -0.38	42.83 4.28 0.00	45.26 4.32 -0.59	48.01 4.64 0.00	55.64 5.33 0.00	61.26 5.77 -1.54	65.63 5.85 -3.03	74.11 6.86 -3.78	90.90 8.61 -6.72	94.52 9.33 -5.45	115.89 11.51 -5.96	97.81 9.44 -0.15	69.32 6.19 0.00	62.43 5.36 0.00	53.22 4.79 0.00	46.19 4.08 0.00	41.35 3.76 0.00
HUDSON___115KV_TB 4 355613	38.85 2.27 0.00	34.01 1.99 0.00	33.50 1.82 -0.25	32.01 1.72 -0.06	32.10 1.69 -0.24	34.08 1.86 -0.13	35.00 1.95 0.00	38.24 1.70 -0.47	40.71 2.16 0.00	42.94 1.86 -0.73	45.63 2.26 0.00	52.52 2.21 0.00	36.83 2.48 19.60	20.84 2.55 38.46	18.53 3.05 47.99	14.87 3.85 64.55	14.83 4.31 69.21	28.39 5.61 75.63	91.29 5.03 1.96	66.73 3.60 0.00	60.26 3.20 0.00	51.09 2.66 0.00	44.63 2.53 0.00	39.74 2.14 0.00
HUNTER MOUNT___DRP 323613	39.11 2.52 0.00	34.20 2.18 0.00	33.69 2.01 -0.24	32.19 1.90 -0.05	32.28 1.87 -0.23	34.27 2.05 -0.13	35.20 2.15 0.00	38.23 1.70 -0.45	40.82 2.27 0.00	42.88 1.82 -0.71	45.72 2.34 0.00	52.52 2.21 0.00	41.56 2.54 14.91	30.09 2.61 29.27	30.06 3.11 36.52	30.75 3.93 48.75	31.53 4.47 52.67	46.76 5.90 57.56	92.11 5.38 1.49	66.98 3.85 0.00	60.55 3.48 0.00	51.24 2.81 0.00	44.88 2.78 0.00	39.93 2.33 0.00
HUNTINGTON_RES_REC 323705	43.86 4.10 -3.18	43.10 3.59 -7.49	42.22 3.27 -7.51	41.46 3.17 -8.06	41.41 3.11 -8.12	41.68 3.27 -6.31	41.82 3.67 -5.10	42.41 4.26 -2.08	43.09 4.43 -0.11	45.02 4.07 -0.59	59.05 4.86 -10.82	234.45 5.83 -178.31	227.28 6.42 -166.92	248.03 6.69 -184.58	228.42 7.74 -157.21	517.85 9.67 -432.61	487.43 10.36 -397.34	460.46 12.89 -349.15	528.07 10.85 -429.00	562.34 7.07 -492.14	256.80 5.93 -193.80	263.88 5.18 -210.27	54.70 4.34 -8.26	41.50 3.91 0.00
HUNTLEY___63 23557	35.16 -1.43 0.00	30.42 -1.60 0.00	29.70 -1.76 -0.03	28.60 -1.63 -0.01	28.45 -1.75 -0.03	30.31 -1.80 -0.02	31.17 -1.88 0.00	33.57 -2.56 -0.05	35.86 -2.66 0.03	37.20 -3.23 -0.07	40.42 -2.95 0.00	46.20 -3.87 0.23	49.38 -3.94 0.62	52.56 -3.40 0.79	57.25 -4.89 1.33	67.77 -6.35 1.45	70.96 -6.70 2.08	88.54 -8.27 1.61	81.03 -5.56 1.62	57.91 -3.41 1.81	53.22 -3.14 0.71	45.72 -2.71 0.00	40.76 -1.35 0.00	36.84 -0.75 0.00
HUNTLEY___64 23558	35.16 -1.43 0.00	30.42 -1.60 0.00	29.70 -1.76 -0.03	28.60 -1.63 -0.01	28.45 -1.75 -0.03	30.31 -1.80 -0.02	31.17 -1.88 0.00	33.57 -2.56 -0.05	35.86 -2.66 0.03	37.20 -3.23 -0.07	40.42 -2.95 0.00	46.20 -3.87 0.23	49.38 -3.94 0.62	52.56 -3.40 0.79	57.25 -4.89 1.33	67.77 -6.35 1.45	70.96 -6.70 2.08	88.54 -8.27 1.61	81.03 -5.56 1.62	57.91 -3.41 1.81	53.22 -3.14 0.71	45.72 -2.71 0.00	40.76 -1.35 0.00	36.84 -0.75 0.00
HUNTLEY___65 23559	35.16 -1.43 0.00	30.42 -1.60 0.00	29.70 -1.76 -0.03	28.60 -1.63 -0.01	28.45 -1.75 -0.03	30.31 -1.80 -0.02	31.17 -1.88 0.00	33.57 -2.56 -0.05	35.86 -2.66 0.03	37.20 -3.23 -0.07	40.42 -2.95 0.00	46.20 -3.87 0.23	49.38 -3.94 0.62	52.56 -3.40 0.79	57.25 -4.89 1.33	67.77 -6.35 1.45	70.96 -6.70 2.08	88.54 -8.27 1.61	81.03 -5.56 1.62	57.91 -3.41 1.81	53.22 -3.14 0.71	45.72 -2.71 0.00	40.76 -1.35 0.00	36.84 -0.75 0.00
HUNTLEY___66 23560	35.16 -1.43 0.00	30.42 -1.60 0.00	29.70 -1.76 -0.03	28.60 -1.63 -0.01	28.45 -1.75 -0.03	30.31 -1.80 -0.02	31.17 -1.88 0.00	33.57 -2.56 -0.05	35.86 -2.66 0.03	37.20 -3.23 -0.07	40.42 -2.95 0.00	46.20 -3.87 0.23	49.38 -3.94 0.62	52.56 -3.40 0.79	57.25 -4.89 1.33	67.77 -6.35 1.45	70.96 -6.70 2.08	88.54 -8.27 1.61	81.03 -5.56 1.62	57.91 -3.41 1.81	53.22 -3.14 0.71	45.72 -2.71 0.00	40.76 -1.35 0.00	36.84 -0.75 0.00

HUNTLEY___67 23561	35.01 -1.57 0.00	30.33 -1.70 0.00	29.61 -1.85 -0.03	28.51 -1.72 -0.01	28.39 -1.81 -0.03	30.21 -1.89 -0.02	31.10 -1.95 0.00	33.43 -2.71 -0.06	35.74 -2.78 0.03	37.08 -3.35 -0.07	40.29 -3.08 0.00	46.15 -3.92 0.23	49.34 -3.99 0.62	52.51 -3.46 0.78	57.27 -4.89 1.32	67.86 -6.27 1.43	71.06 -6.62 2.06	88.95 -7.87 1.59	81.14 -5.47 1.61	57.99 -3.35 1.79	53.29 -3.08 0.70	45.76 -2.66 0.00	40.63 -1.47 0.00	36.66 -0.94 0.00
HUNTLEY___68 23562	35.01 -1.57 0.00	30.33 -1.70 0.00	29.61 -1.85 -0.03	28.51 -1.72 -0.01	28.39 -1.81 -0.03	30.21 -1.89 -0.02	31.10 -1.95 0.00	33.43 -2.71 -0.06	35.74 -2.78 0.03	37.08 -3.35 -0.07	40.29 -3.08 0.00	46.15 -3.92 0.23	49.34 -3.99 0.62	52.51 -3.46 0.78	57.27 -4.89 1.32	67.86 -6.27 1.43	71.06 -6.62 2.06	88.95 -7.87 1.59	81.14 -5.47 1.61	57.99 -3.35 1.79	53.29 -3.08 0.70	45.76 -2.66 0.00	40.63 -1.47 0.00	36.66 -0.94 0.00
HYLAND___LFGE 323620	37.94 1.35 0.00	32.85 0.83 0.00	32.10 0.63 -0.03	30.75 0.51 -0.01	30.57 0.36 -0.03	32.75 0.64 -0.02	33.65 0.60 0.00	36.43 0.29 -0.06	38.25 -0.27 0.03	38.39 -2.06 -0.09	40.95 -2.43 0.00	46.94 -3.17 0.20	50.11 -3.29 0.54	49.25 -6.81 0.69	54.25 -8.06 1.17	65.34 -8.99 1.23	68.50 -9.41 1.82	86.08 -10.93 1.41	78.59 -8.20 1.42	56.55 -4.99 1.59	52.68 -3.77 0.62	48.48 0.05 0.00	42.57 0.46 0.00	37.82 0.23 0.00
INDECK___CORINTH 23802	39.18 2.60 0.00	34.20 2.18 0.00	33.65 1.95 -0.26	32.13 1.84 -0.06	32.21 1.78 -0.26	34.26 2.02 -0.14	35.20 2.15 0.00	38.82 2.24 -0.50	41.13 2.58 0.00	43.76 2.62 -0.79	45.80 2.43 0.00	53.38 3.07 0.00	62.80 3.02 -5.83	71.20 3.01 -11.45	80.99 3.24 -14.28	101.31 4.00 -21.74	104.56 4.22 -20.60	126.63 5.71 -22.51	94.96 6.17 -0.57	67.61 4.48 0.00	61.23 4.16 0.00	51.96 3.53 0.00	44.97 2.86 0.00	39.93 2.33 0.00
INDECK___ILION 23567	37.35 0.77 0.00	32.66 0.64 0.00	32.06 0.63 0.00	30.83 0.60 0.00	30.77 0.60 0.01	32.73 0.64 0.00	33.75 0.69 0.00	36.84 0.76 0.00	39.40 0.85 0.00	41.24 0.89 0.00	44.44 1.00 -0.07	51.80 1.16 -0.34	55.44 1.19 -0.31	58.31 1.25 -0.31	66.19 1.40 -1.32	78.75 1.59 -1.60	83.21 1.67 -1.80	102.94 2.17 -2.36	92.04 1.94 -1.89	64.82 1.45 -0.24	58.36 1.26 -0.03	49.69 1.11 -0.15	43.03 0.93 0.00	38.81 0.83 -0.39
INDECK___OLEAN 23982	35.93 -0.66 0.00	31.19 -0.83 0.00	29.52 -1.95 -0.04	29.27 -0.97 -0.01	28.58 -1.63 -0.03	30.76 -1.35 -0.02	32.13 -0.93 0.00	35.10 -1.05 -0.07	37.48 -1.04 0.03	39.03 -1.41 -0.09	41.42 -1.95 0.00	46.39 -3.72 0.20	49.54 -3.88 0.52	52.91 -3.18 0.66	58.16 -4.19 1.12	68.83 -5.59 1.14	72.24 -5.74 1.75	90.27 -6.79 1.35	82.00 -4.85 1.36	58.64 -2.97 1.52	53.33 -3.14 0.59	47.07 -1.36 0.00	41.60 -0.50 0.00	37.52 -0.08 0.00
INDECK___OSWEGO 23783	38.97 -1.06 -3.45	33.64 -0.70 -2.32	33.09 -0.72 -2.38	31.25 -0.75 -1.77	31.14 -0.75 -1.72	34.45 -0.74 -3.10	35.52 -0.76 -3.22	38.94 -1.16 -4.01	42.11 -1.24 -4.80	44.19 -1.29 -5.12	47.36 -1.47 -5.46	56.48 -1.66 -7.83	60.85 -1.78 -8.69	64.23 -1.82 -9.30	72.56 -2.09 -11.18	89.08 -2.57 -16.09	93.95 -2.71 -16.93	116.94 -3.35 -21.88	104.13 -2.74 -18.65	71.36 -1.89 -10.13	63.55 -1.66 -8.14	52.38 -1.45 -5.41	44.56 -1.18 -3.64	39.24 -1.13 -2.77
INDECK___YERKES 23781	35.41 -1.17 0.00	30.62 -1.41 0.00	29.86 -1.60 -0.03	28.78 -1.45 -0.01	28.63 -1.57 -0.03	30.50 -1.60 -0.02	31.43 -1.62 0.00	33.97 -2.16 -0.05	36.28 -2.24 0.03	37.72 -2.70 -0.07	40.47 -2.91 0.00	46.15 -3.92 0.23	49.33 -3.99 0.62	52.61 -3.35 0.79	57.45 -4.70 1.33	67.77 -6.35 1.45	70.88 -6.78 2.08	88.44 -8.37 1.61	80.94 -5.65 1.62	57.84 -3.47 1.81	52.88 -3.48 0.71	45.72 -2.71 0.00	40.80 -1.31 0.00	36.69 -0.90 0.00
INDIAN POINT_GT_1 24139	39.80 3.22 0.00	34.84 2.82 0.00	34.18 2.55 -0.20	32.72 2.45 -0.05	32.75 2.38 -0.19	34.70 2.50 -0.11	35.93 2.88 0.00	39.77 3.32 -0.37	42.17 3.62 0.00	44.61 3.67 -0.58	47.36 3.99 0.00	54.94 4.63 0.00	60.52 5.07 -1.50	64.92 5.22 -2.95	73.25 6.09 -3.68	89.76 7.63 -6.56	93.26 8.21 -5.31	114.35 10.14 -5.80	96.75 8.38 -0.15	68.75 5.62 0.00	61.86 4.79 0.00	52.64 4.21 0.00	45.64 3.54 0.00	40.87 3.27 0.00
INDIAN POINT_GT_2 23659	39.80 3.22 0.00	34.84 2.82 0.00	34.18 2.55 -0.20	32.72 2.45 -0.05	32.75 2.38 -0.19	34.70 2.50 -0.11	35.93 2.88 0.00	39.77 3.32 -0.37	42.17 3.62 0.00	44.61 3.67 -0.58	47.36 3.99 0.00	54.94 4.63 0.00	60.52 5.07 -1.50	64.92 5.22 -2.95	73.25 6.09 -3.68	89.76 7.63 -6.56	93.26 8.21 -5.31	114.35 10.14 -5.80	96.75 8.38 -0.15	68.75 5.62 0.00	61.86 4.79 0.00	52.64 4.21 0.00	45.64 3.54 0.00	40.87 3.27 0.00
INDIAN POINT_GT_3 24019	39.80 3.22 0.00	34.84 2.82 0.00	34.18 2.55 -0.20	32.72 2.45 -0.05	32.75 2.38 -0.19	34.70 2.50 -0.11	35.93 2.88 0.00	39.77 3.32 -0.37	42.17 3.62 0.00	44.61 3.67 -0.58	47.36 3.99 0.00	54.94 4.63 0.00	60.52 5.07 -1.50	64.92 5.22 -2.95	73.25 6.09 -3.68	89.76 7.63 -6.56	93.26 8.21 -5.31	114.35 10.14 -5.80	96.75 8.38 -0.15	68.75 5.62 0.00	61.86 4.79 0.00	52.64 4.21 0.00	45.64 3.54 0.00	40.87 3.27 0.00
INDIAN POINT___2 23530	39.76 3.18 0.00	34.81 2.78 0.00	34.11 2.48 -0.19	32.69 2.42 -0.04	32.72 2.36 -0.19	34.67 2.47 -0.11	35.86 2.81 0.00	39.73 3.28 -0.37	42.02 3.47 0.00	44.48 3.55 -0.57	47.28 3.91 0.00	54.84 4.53 0.00	60.34 4.96 -1.44	64.62 5.05 -2.82	72.90 5.90 -3.52	89.29 7.41 -6.31	92.86 8.05 -5.08	113.90 9.94 -5.55	96.55 8.21 -0.12	68.56 5.43 0.00	61.75 4.68 0.00	52.54 4.11 0.00	45.56 3.45 0.00	40.79 3.19 0.00
INDIAN POINT___3 23531	39.73 3.15 0.00	34.78 2.75 0.00	34.12 2.48 -0.20	32.66 2.39 -0.05	32.69 2.32 -0.19	34.67 2.47 -0.11	35.86 2.81 0.00	39.67 3.21 -0.37	42.10 3.55 0.00	44.49 3.55 -0.58	47.23 3.86 0.00	54.84 4.53 0.00	60.36 4.91 -1.51	64.76 5.05 -2.96	73.07 5.90 -3.69	89.48 7.33 -6.58	93.03 7.97 -5.33	114.07 9.84 -5.82	96.48 8.12 -0.15	68.56 5.43 0.00	61.75 4.68 0.00	52.50 4.07 0.00	45.51 3.41 0.00	40.75 3.16 0.00
INGHAM_C_115KV_TB7 356103	37.64 1.06 0.00	32.95 0.93 0.00	32.35 0.91 0.00	31.07 0.85 0.00	31.04 0.88 0.01	33.05 0.96 0.00	34.01 0.96 0.00	37.13 1.05 0.00	39.71 1.16 0.00	41.60 1.25 0.00	44.83 1.39 -0.07	52.25 1.61 -0.34	55.98 1.73 -0.31	58.82 1.76 -0.31	66.69 1.90 -1.32	79.36 2.19 -1.60	83.84 2.31 -1.80	103.63 2.85 -2.36	92.75 2.65 -1.89	65.33 1.96 -0.24	58.81 1.71 -0.03	50.07 1.50 -0.15	43.41 1.31 0.00	39.19 1.20 -0.39
IP CORINTH___1 23988	39.36 2.78 0.00	34.39 2.37 0.00	33.84 2.14 -0.26	32.28 2.00 -0.06	32.36 1.93 -0.26	34.45 2.21 -0.14	35.40 2.35 0.00	39.00 2.42 -0.50	41.36 2.81 0.00	43.96 2.82 -0.79	46.06 2.69 0.00	53.68 3.37 0.00	63.12 3.34 -5.83	71.49 3.29 -11.45	81.37 3.62 -14.28	101.76 4.46 -21.74	105.04 4.70 -20.60	127.12 6.20 -22.51	95.41 6.62 -0.58	67.93 4.80 0.00	61.52 4.45 0.00	52.20 3.78 0.00	45.22 3.12 0.00	40.11 2.52 0.00

IP___TICONDEROGA 23804	41.89 5.30 0.00	36.51 4.48 0.00	35.79 4.09 -0.26	34.16 3.87 -0.06	34.17 3.74 -0.26	36.47 4.24 -0.14	37.55 4.50 0.00	41.13 4.55 -0.50	43.60 5.05 0.00	46.14 5.00 -0.78	48.45 5.07 0.00	56.65 6.34 0.00	66.55 6.47 -6.14	75.38 6.58 -12.05	85.17 6.66 -15.03	106.50 8.16 -22.77	110.11 8.69 -21.68	133.52 11.42 -23.69	100.30 11.47 -0.61	71.46 8.33 0.00	64.60 7.53 0.00	55.01 6.59 0.00	47.58 5.47 0.00	42.07 4.47 0.00
ISLIP_RES_REC 323679	44.56 4.83 -3.15	43.74 4.26 -7.46	42.88 3.93 -7.51	42.06 3.78 -8.06	41.98 3.68 -8.12	42.32 3.91 -6.31	42.55 4.40 -5.10	43.21 5.05 -2.08	43.87 5.20 -0.11	45.83 4.88 -0.59	53.51 5.94 -4.19	130.23 6.99 -72.93	130.67 7.61 -69.12	144.75 7.94 -80.06	145.80 9.08 -73.26	271.64 11.18 -184.89	276.58 12.04 -184.80	268.35 14.76 -155.18	274.68 12.61 -173.85	262.35 8.40 -190.83	139.34 7.13 -75.14	136.16 6.20 -81.53	50.56 5.26 -3.20	42.26 4.66 -0.01
JAMAICA__27_KV_LOAD 355505	40.64 4.06 0.00	35.51 3.49 0.00	34.72 3.08 -0.20	33.21 2.93 -0.05	33.20 2.84 -0.19	35.21 3.02 -0.11	36.62 3.57 0.00	40.65 4.19 -0.38	43.21 4.66 0.00	45.67 4.72 -0.59	48.49 5.12 0.00	56.19 5.89 0.00	61.91 6.42 -1.54	66.31 6.53 -3.03	74.87 7.62 -3.78	91.96 9.67 -6.72	95.64 10.45 -5.45	117.37 12.99 -5.97	99.13 10.76 -0.15	70.20 7.07 0.00	63.23 6.16 0.00	53.85 5.42 0.00	46.69 4.59 0.00	41.69 4.10 0.00
JANIS___SOLAR 323808	39.16 1.97 -0.60	34.10 1.66 -0.41	33.41 1.51 -0.47	31.94 1.39 -0.32	31.85 1.33 -0.35	34.26 1.60 -0.57	35.40 1.78 -0.56	38.11 1.08 -0.94	40.54 0.96 -1.02	42.46 0.89 -1.22	45.35 0.78 -1.20	52.71 0.80 -1.60	56.35 0.86 -1.55	59.35 1.02 -1.58	66.32 1.08 -1.77	79.71 1.21 -2.94	83.62 1.27 -2.61	105.82 4.23 -3.18	95.54 4.76 -2.56	67.98 4.04 -0.81	61.82 3.71 -1.04	52.49 3.10 -0.96	45.52 2.78 -0.64	40.37 2.26 -0.52
JARVIS____ 23743	37.02 0.44 0.00	32.41 0.39 0.00	31.81 0.38 0.00	30.56 0.33 0.00	30.50 0.33 0.01	32.44 0.35 0.00	33.42 0.36 0.00	36.52 0.43 0.00	39.01 0.46 0.00	40.84 0.49 0.00	43.96 0.52 -0.07	51.25 0.61 -0.34	54.90 0.65 -0.31	57.74 0.68 -0.31	65.55 0.76 -1.32	78.08 0.91 -1.60	82.49 0.96 -1.80	101.96 1.19 -2.36	91.16 1.06 -1.89	64.13 0.76 -0.24	57.79 0.69 -0.03	49.16 0.58 -0.15	42.61 0.51 0.00	38.44 0.45 -0.39
JENNISON___1 23625	39.32 2.30 -0.43	34.26 1.95 -0.29	33.68 1.89 -0.36	32.19 1.72 -0.23	32.14 1.69 -0.28	34.46 1.96 -0.42	35.57 2.12 -0.40	39.32 2.71 -0.54	42.03 3.01 -0.47	44.10 3.03 -0.72	47.27 3.34 -0.56	54.85 3.82 -0.72	58.70 4.10 -0.66	62.00 4.60 -0.66	68.93 4.76 -0.70	82.61 5.44 -1.60	86.58 5.82 -1.02	106.32 5.71 -2.20	95.80 5.82 -1.76	68.32 4.67 -0.52	62.01 4.22 -0.72	52.64 3.54 -0.68	45.63 3.07 -0.45	40.60 2.63 -0.37
JENNISON___2 23626	39.32 2.30 -0.43	34.26 1.95 -0.29	33.68 1.89 -0.36	32.19 1.72 -0.23	32.14 1.69 -0.28	34.46 1.96 -0.42	35.57 2.12 -0.40	39.32 2.71 -0.54	42.03 3.01 -0.47	44.10 3.03 -0.72	47.27 3.34 -0.56	54.85 3.82 -0.72	58.70 4.10 -0.66	62.00 4.60 -0.66	68.93 4.76 -0.70	82.61 5.44 -1.60	86.58 5.82 -1.02	106.32 5.71 -2.20	95.80 5.82 -1.76	68.32 4.67 -0.52	62.01 4.22 -0.72	52.64 3.54 -0.68	45.63 3.07 -0.45	40.60 2.63 -0.37
JERICHO_RISE_WT_PWR 323719	35.01 -1.57 0.00	30.74 -1.28 0.00	30.27 -1.16 0.00	29.15 -1.06 0.02	29.14 -1.00 0.04	31.03 -1.06 0.00	32.13 -0.93 0.00	35.07 -1.01 0.00	37.37 -1.16 0.02	39.02 -1.33 0.00	40.67 -1.39 1.32	42.07 -1.66 6.58	46.02 -1.89 6.03	48.51 -2.21 6.02	35.15 -2.54 25.78	41.45 -2.79 31.32	41.72 -2.87 35.15	48.67 -3.54 46.21	48.12 -3.17 36.92	55.85 -2.53 4.75	54.23 -2.17 0.67	43.67 -1.89 2.87	40.54 -1.56 0.01	28.49 -1.47 7.64
KATONAH___115KV_46KV_TB4 355592	40.06 3.48 0.00	35.07 3.04 0.00	34.37 2.73 -0.20	32.90 2.63 -0.05	32.94 2.56 -0.20	34.89 2.70 -0.11	36.19 3.14 0.00	40.04 3.57 -0.39	42.56 4.01 0.00	45.03 4.08 -0.60	47.88 4.51 0.00	55.54 5.23 0.00	61.21 5.72 -1.55	65.70 5.90 -3.04	74.25 6.98 -3.80	90.95 8.61 -6.77	94.30 9.09 -5.48	115.82 11.42 -5.99	97.99 9.62 -0.15	69.57 6.44 0.00	62.49 5.42 0.00	53.17 4.75 0.00	46.02 3.92 0.00	41.17 3.57 0.00
KCE_NY_1 323755	39.40 2.82 0.00	34.46 2.43 0.00	33.93 2.23 -0.26	32.40 2.12 -0.06	32.51 2.08 -0.25	34.54 2.31 -0.14	35.43 2.38 0.00	39.07 2.49 -0.50	41.33 2.78 0.00	44.04 2.91 -0.78	46.36 2.99 0.00	53.93 3.62 0.00	64.29 3.77 -6.57	73.55 3.91 -12.89	83.87 4.32 -16.08	105.08 5.29 -24.22	108.51 5.58 -23.20	130.94 7.18 -25.35	95.73 6.89 -0.63	68.06 4.93 0.00	61.52 4.45 0.00	52.21 3.78 0.00	45.22 3.12 0.00	40.26 2.67 0.00
KCE_NY_6_ESR 323823	35.74 -0.84 0.00	30.90 -1.12 0.00	29.96 -1.51 -0.03	29.06 -1.18 -0.01	28.76 -1.45 -0.03	30.73 -1.38 -0.02	31.76 -1.29 0.00	34.44 -1.70 -0.06	36.78 -1.73 0.03	38.25 -2.18 -0.08	41.07 -2.30 0.00	46.82 -3.27 0.22	50.06 -3.29 0.59	53.39 -2.61 0.75	58.40 -3.81 1.27	69.00 -5.21 1.36	72.25 -5.50 1.98	90.38 -6.50 1.53	82.44 -4.23 1.54	58.88 -2.53 1.72	53.71 -2.68 0.67	46.64 -1.79 0.00	41.35 -0.76 0.00	37.15 -0.45 0.00
KEDC_PORT_JEFF_GT2 24210	44.12 4.39 -3.15	43.39 3.91 -7.46	42.53 3.58 -7.51	41.73 3.44 -8.06	41.68 3.38 -8.12	42.00 3.59 -6.31	42.18 4.03 -5.10	42.82 4.66 -2.08	43.33 4.66 -0.11	45.26 4.32 -0.59	53.49 4.99 -5.13	144.10 5.88 -87.91	143.38 6.42 -83.02	158.18 6.52 -94.91	156.15 7.49 -85.19	304.57 9.29 -219.71	304.02 9.97 -214.32	292.87 12.40 -182.06	308.34 10.40 -209.72	303.60 6.82 -233.65	154.84 5.76 -92.01	153.34 5.08 -99.83	50.48 4.46 -3.92	41.62 4.02 0.00
KEDC_PORT_JEFF_GT3 24211	44.12 4.39 -3.15	43.39 3.91 -7.46	42.53 3.58 -7.51	41.73 3.44 -8.06	41.68 3.38 -8.12	42.00 3.59 -6.31	42.18 4.03 -5.10	42.82 4.66 -2.08	43.33 4.66 -0.11	45.26 4.32 -0.59	53.49 4.99 -5.13	144.10 5.88 -87.91	143.38 6.42 -83.02	158.18 6.52 -94.91	156.15 7.49 -85.19	304.57 9.29 -219.71	304.02 9.97 -214.32	292.87 12.40 -182.06	308.34 10.40 -209.72	303.60 6.82 -233.65	154.84 5.76 -92.01	153.34 5.08 -99.83	50.48 4.46 -3.92	41.62 4.02 0.00
KEDC_GLWD_GT4 24219	44.04 4.31 -3.14	43.22 3.74 -7.45	42.34 3.40 -7.51	41.55 3.27 -8.06	41.46 3.17 -8.12	41.77 3.37 -6.31	41.92 3.77 -5.10	42.52 4.36 -2.08	43.36 4.70 -0.11	45.54 4.60 -0.59	48.32 4.94 0.00	62.44 5.93 -6.20	67.65 6.52 -7.18	77.36 6.75 -13.86	91.37 7.80 -20.09	165.12 9.67 -79.88	231.14 10.44 -140.96	234.39 12.89 -123.09	163.08 10.76 -64.11	70.14 7.01 0.00	63.00 5.93 0.00	53.66 5.23 0.00	46.48 4.38 0.00	41.96 4.36 0.00
KEDC_GLWD_GT5 24220	44.04 4.31 -3.14	43.22 3.74 -7.45	42.34 3.40 -7.51	41.55 3.27 -8.06	41.46 3.17 -8.12	41.77 3.37 -6.31	41.92 3.77 -5.10	42.52 4.36 -2.08	43.36 4.70 -0.11	45.54 4.60 -0.59	48.32 4.94 0.00	62.44 5.93 -6.20	67.65 6.52 -7.18	77.36 6.75 -13.86	91.37 7.80 -20.09	165.12 9.67 -79.88	231.14 10.44 -140.96	234.39 12.89 -123.09	163.08 10.76 -64.11	70.14 7.01 0.00	63.00 5.93 0.00	53.66 5.23 0.00	46.48 4.38 0.00	41.96 4.36 0.00

KENSICO____ 23655	39.95 3.37 0.00	34.97 2.95 0.00	34.28 2.64 -0.20	32.81 2.54 -0.05	32.84 2.47 -0.19	34.80 2.60 -0.11	36.06 3.01 0.00	39.92 3.46 -0.38	42.37 3.82 0.00	44.78 3.83 -0.59	47.58 4.21 0.00	55.19 4.88 0.00	60.77 5.29 -1.54	65.16 5.39 -3.02	73.59 6.35 -3.77	90.20 7.93 -6.70	93.70 8.53 -5.44	114.88 10.53 -5.94	97.10 8.73 -0.15	68.94 5.81 0.00	62.09 5.02 0.00	52.79 4.36 0.00	45.81 3.71 0.00	41.02 3.42 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.99 3.40 0.00	34.97 2.95 0.00	34.33 2.70 -0.19	32.84 2.57 -0.04	32.86 2.50 -0.18	34.82 2.63 -0.10	35.99 2.94 0.00	39.65 3.21 -0.36	42.13 3.59 0.00	44.34 3.43 -0.56	47.23 3.86 0.00	54.79 4.48 0.00	58.07 5.07 0.94	60.12 5.22 1.85	67.38 6.22 2.31	81.57 7.78 1.78	85.02 8.61 3.33	105.50 10.73 3.64	97.12 9.00 0.09	69.32 6.19 0.00	62.49 5.42 0.00	52.98 4.55 0.00	45.85 3.75 0.00	41.02 3.42 0.00
KIAC_JFK_GT1 23816	40.28 3.69 0.00	35.19 3.17 0.00	34.40 2.77 -0.20	32.93 2.66 -0.05	32.90 2.53 -0.19	34.89 2.70 -0.11	36.29 3.24 0.00	40.28 3.82 -0.38	42.83 4.28 0.00	45.26 4.32 -0.59	48.06 4.68 0.00	55.64 5.33 0.00	61.31 5.83 -1.54	65.68 5.90 -3.03	74.17 6.92 -3.78	91.13 8.84 -6.72	94.76 9.57 -5.45	116.19 11.81 -5.97	98.07 9.70 -0.15	69.51 6.38 0.00	62.55 5.48 0.00	53.32 4.89 0.00	46.23 4.13 0.00	41.28 3.68 0.00
KIAC_JFK_GT2 23817	40.28 3.69 0.00	35.19 3.17 0.00	34.40 2.77 -0.20	32.93 2.66 -0.05	32.90 2.53 -0.19	34.89 2.70 -0.11	36.29 3.24 0.00	40.28 3.82 -0.38	42.83 4.28 0.00	45.26 4.32 -0.59	48.06 4.68 0.00	55.64 5.33 0.00	61.31 5.83 -1.54	65.68 5.90 -3.03	74.17 6.92 -3.78	91.13 8.84 -6.72	94.76 9.57 -5.45	116.19 11.81 -5.97	98.07 9.70 -0.15	69.51 6.38 0.00	62.55 5.48 0.00	53.32 4.89 0.00	46.23 4.13 0.00	41.28 3.68 0.00
KIAC_JFK____ 323774	40.28 3.69 0.00	35.23 3.20 0.00	34.40 2.77 -0.20	32.96 2.69 -0.05	32.93 2.56 -0.19	34.89 2.70 -0.11	36.26 3.21 0.00	40.32 3.86 -0.38	42.71 4.16 0.00	45.26 4.32 -0.59	48.06 4.69 0.00	55.64 5.33 0.00	61.32 5.83 -1.54	65.68 5.90 -3.03	74.11 6.86 -3.78	91.13 8.84 -6.72	94.75 9.56 -5.45	116.19 11.80 -5.97	98.05 9.70 -0.13	69.50 6.37 0.00	62.55 5.48 0.00	53.32 4.89 0.00	46.23 4.13 0.00	41.32 3.72 0.00
KINTIGH____ 23543	35.01 -1.57 0.00	30.39 -1.63 0.00	29.79 -1.67 -0.03	28.57 -1.66 -0.01	28.51 -1.69 -0.02	30.27 -1.83 -0.01	31.17 -1.88 0.00	33.86 -2.27 -0.05	35.85 -2.66 0.04	37.61 -2.82 -0.08	40.42 -2.95 0.00	46.78 -3.27 0.26	49.91 -3.34 0.69	52.87 -3.01 0.88	57.74 -4.25 1.48	68.54 -5.37 1.67	71.76 -5.66 2.31	89.93 -6.69 1.79	81.74 -4.68 1.80	58.27 -2.84 2.01	53.77 -2.51 0.78	45.81 -2.62 0.00	40.55 -1.56 0.00	36.47 -1.13 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.74 -0.84 0.00	31.35 -0.67 0.00	30.87 -0.57 0.00	29.80 -0.42 0.00	29.77 -0.39 0.01	31.93 -0.16 0.00	32.59 -0.46 0.00	35.72 -0.36 0.00	37.91 -0.62 0.02	39.51 -0.85 0.00	41.17 -0.87 1.33	42.59 -1.06 6.66	46.59 -1.24 6.11	48.84 -1.82 6.10	35.21 -2.16 26.11	41.73 -2.12 31.72	41.98 -2.15 35.60	49.06 -2.56 46.80	48.61 -2.21 37.40	56.29 -2.02 4.81	54.68 -1.71 0.67	44.17 -1.36 2.90	41.17 -0.93 0.01	28.84 -1.02 7.74
LACHUTE__HYDRO 323717	41.89 5.30 0.00	36.51 4.48 0.00	35.79 4.08 -0.26	34.16 3.87 -0.06	34.17 3.74 -0.26	36.47 4.24 -0.14	37.55 4.49 0.00	41.20 4.62 -0.50	43.56 5.01 0.00	46.22 5.08 -0.78	48.45 5.07 0.00	56.65 6.34 0.00	66.55 6.47 -6.14	75.38 6.58 -12.05	85.17 6.66 -15.03	106.50 8.16 -22.77	110.11 8.69 -21.68	133.51 11.41 -23.69	100.27 11.46 -0.59	71.46 8.33 0.00	64.60 7.53 0.00	55.01 6.58 0.00	47.58 5.47 0.00	42.07 4.47 0.00
LAWRNCALV_115KV_TB1 80681	34.48 -2.30 -0.21	30.21 -1.95 -0.14	29.72 -1.85 -0.14	28.44 -1.72 0.07	28.16 -1.69 0.33	30.48 -1.80 -0.18	31.39 -1.85 -0.19	34.34 -1.98 -0.25	36.55 -2.27 -0.27	38.25 -2.42 -0.31	39.90 -2.69 0.79	42.08 -3.07 5.16	45.98 -3.29 4.68	48.64 -3.46 4.64	38.15 -3.87 21.45	45.04 -4.61 25.92	45.78 -4.78 29.17	54.11 -6.00 38.30	52.09 -5.56 30.57	55.65 -3.85 3.62	53.49 -3.42 0.15	43.25 -3.05 2.13	39.45 -2.86 -0.21	28.68 -2.56 6.36
LEDERLE____ 23769	39.95 3.37 0.00	34.97 2.95 0.00	34.27 2.64 -0.19	32.81 2.54 -0.04	32.83 2.47 -0.18	34.79 2.60 -0.10	36.03 2.97 0.00	39.83 3.39 -0.36	42.25 3.70 0.00	44.63 3.71 -0.56	47.45 4.08 0.00	55.09 4.78 0.00	60.55 5.23 -1.37	64.84 5.39 -2.70	73.12 6.28 -3.36	89.50 7.86 -6.07	93.12 8.53 -4.85	114.25 10.53 -5.30	97.00 8.65 -0.14	68.94 5.81 0.00	62.09 5.02 0.00	52.74 4.31 0.00	45.72 3.62 0.00	40.94 3.35 0.00
LIGHTHSE_115KV_TB6 355974	37.72 -0.70 -1.83	32.68 -0.58 -1.23	32.11 -0.60 -1.27	30.52 -0.63 -0.93	30.40 -0.66 -0.89	33.13 -0.61 -1.65	34.20 -0.56 -1.71	37.46 -0.76 -2.14	40.24 -0.85 -2.54	42.20 -0.89 -2.74	45.15 -1.04 -2.82	52.78 -1.21 -3.68	56.67 -1.29 -4.02	59.78 -1.25 -4.28	65.89 -1.46 -3.88	79.82 -1.81 -6.07	83.91 -1.91 -6.09	104.37 -2.26 -8.22	93.60 -1.68 -7.06	66.65 -0.88 -4.40	60.40 -0.68 -4.02	50.40 -0.73 -2.70	43.40 -0.63 -1.93	37.89 -0.71 -1.01
LINDEN COGEN____ 23786	40.13 3.55 0.00	35.16 3.14 0.00	34.40 2.77 -0.20	32.96 2.69 -0.05	32.93 2.56 -0.19	34.86 2.66 -0.11	36.19 3.14 0.00	40.18 3.72 -0.38	42.48 3.93 0.00	45.02 4.07 -0.59	47.71 4.34 0.00	49.79 4.93 5.45	49.12 5.39 10.22	47.96 5.45 14.24	57.24 6.29 12.51	79.18 8.01 4.39	83.28 8.69 5.15	103.98 10.63 5.06	78.60 8.65 18.27	52.88 5.68 15.93	45.27 4.85 16.64	44.61 4.36 8.17	44.38 3.75 1.47	41.17 3.57 0.00
LINDHRST_69_KV_BK1 356055	44.29 4.57 -3.13	43.44 3.97 -7.44	42.59 3.65 -7.50	41.78 3.51 -8.05	41.73 3.44 -8.11	42.05 3.66 -6.30	42.27 4.13 -5.09	42.81 4.65 -2.07	43.74 5.09 -0.11	45.67 4.72 -0.59	49.27 5.51 -0.39	69.09 6.44 -12.34	73.89 7.07 -12.88	84.08 7.38 -19.95	96.96 8.51 -24.98	134.50 10.50 -48.43	164.11 11.32 -73.05	166.58 14.07 -54.10	133.34 12.00 -33.12	88.60 7.89 -17.58	70.73 6.73 -6.92	61.80 5.86 -7.51	47.37 4.97 -0.29	42.11 4.51 -0.01
LIPA_MISC_IPP 23656	44.15 4.43 -3.14	43.38 3.91 -7.45	42.52 3.58 -7.50	41.72 3.45 -8.05	41.67 3.38 -8.11	41.99 3.59 -6.30	42.21 4.07 -5.09	42.73 4.58 -2.07	43.59 4.93 -0.11	45.42 4.48 -0.59	53.17 5.47 -4.33	131.77 6.34 -75.12	132.00 6.90 -71.15	146.19 7.21 -82.23	146.85 8.38 -75.00	275.30 10.28 -189.45	278.84 10.92 -188.18	270.16 13.58 -158.16	278.44 11.64 -178.58	267.95 7.70 -197.12	141.31 6.62 -77.62	138.36 5.71 -84.22	50.20 4.80 -3.30	41.85 4.25 0.00
LISF__SOLAR 323691	44.27 4.54 -3.15	43.49 4.00 -7.46	42.62 3.68 -7.51	41.82 3.54 -8.06	41.77 3.47 -8.12	42.09 3.69 -6.31	42.31 4.16 -5.10	42.92 4.76 -2.08	43.56 4.90 -0.11	45.50 4.56 -0.59	53.36 5.60 -4.39	132.93 6.49 -76.12	133.09 7.06 -72.08	147.41 7.43 -83.22	147.84 8.57 -75.80	277.94 10.50 -191.87	281.30 11.25 -190.32	272.51 13.97 -160.13	281.26 12.00 -181.05	271.11 8.02 -199.96	142.59 6.79 -78.74	139.76 5.91 -85.43	50.42 4.97 -3.35	42.00 4.40 0.00

LITTLE FALLS___HYD 24013	37.64 1.06 0.00	32.95 0.93 0.00	32.35 0.91 0.00	31.07 0.85 0.00	31.04 0.88 0.01	33.05 0.96 0.00	34.01 0.96 0.00	37.13 1.05 0.00	39.71 1.16 0.00	41.60 1.25 0.00	44.83 1.39 -0.07	52.25 1.61 -0.34	55.98 1.73 -0.31	58.82 1.76 -0.31	66.69 1.90 -1.32	79.36 2.19 -1.60	83.84 2.31 -1.80	103.63 2.85 -2.36	92.75 2.65 -1.89	65.33 1.96 -0.24	58.81 1.71 -0.03	50.07 1.50 -0.15	43.41 1.31 0.00	39.19 1.20 -0.39
LITTLRIV_115KV_TB1 356100	34.87 -1.94 -0.22	30.54 -1.63 -0.15	30.05 -1.54 -0.15	28.76 -1.42 0.05	28.49 -1.39 0.30	30.84 -1.44 -0.20	31.80 -1.45 -0.21	34.79 -1.55 -0.26	36.96 -1.89 -0.29	38.67 -2.02 -0.34	40.38 -2.26 0.74	42.75 -2.57 5.00	46.67 -2.75 4.53	49.42 -2.84 4.49	39.38 -3.17 20.92	46.45 -3.85 25.26	47.31 -3.99 28.44	55.86 -5.22 37.33	53.75 -4.68 29.79	56.54 -3.09 3.50	54.22 -2.74 0.10	43.91 -2.47 2.05	39.93 -2.40 -0.23	29.22 -2.18 6.20
LI_NEWBRDGE___DRP 323616	43.48 3.77 -3.13	42.76 3.30 -7.44	41.93 2.99 -7.50	41.15 2.87 -8.05	41.10 2.81 -8.11	41.38 2.98 -6.30	41.55 3.40 -5.09	42.01 3.86 -2.07	42.90 4.24 -0.11	44.90 3.95 -0.59	47.93 4.55 0.00	61.93 5.43 -6.19	67.05 5.93 -7.17	76.73 6.13 -13.85	90.66 7.11 -20.08	106.33 8.84 -21.92	128.77 9.49 -39.54	131.80 11.71 -21.67	104.18 9.79 -6.17	69.44 6.31 0.00	62.49 5.42 0.00	53.17 4.75 0.00	46.15 4.04 0.00	41.32 3.72 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.79 -1.79 0.00	30.13 -1.89 0.00	29.42 -2.04 -0.03	28.30 -1.93 -0.01	28.18 -2.02 -0.03	29.99 -2.12 -0.01	30.87 -2.18 0.00	33.28 -2.85 -0.05	35.43 -3.08 0.03	36.87 -3.55 -0.07	39.95 -3.43 0.00	45.84 -4.23 0.24	48.99 -4.32 0.64	52.08 -3.86 0.81	56.65 -5.46 1.37	67.11 -6.95 1.51	70.18 -7.42 2.14	87.90 -8.86 1.65	80.29 -6.26 1.67	57.36 -3.91 1.86	52.92 -3.42 0.73	45.38 -3.05 0.00	40.29 -1.81 0.00	36.66 -0.94 0.00
LOCKPORT___CC1 323769	34.94 -1.65 0.00	30.23 -1.79 0.00	29.55 -1.92 -0.03	28.45 -1.78 -0.01	28.30 -1.90 -0.03	30.15 -1.96 -0.02	31.04 -2.02 0.00	33.50 -2.63 -0.05	35.78 -2.74 0.03	37.03 -3.39 -0.07	39.77 -3.60 0.00	45.64 -4.43 0.24	48.78 -4.53 0.64	51.86 -4.09 0.81	56.59 -5.52 1.36	66.81 -7.25 1.50	69.87 -7.73 2.13	87.51 -9.25 1.64	79.85 -6.71 1.66	57.11 -4.17 1.85	52.35 -4.00 0.72	45.18 -3.24 0.00	40.13 -1.98 0.00	36.36 -1.24 0.00
LOCKPORT___CC2 323770	34.94 -1.65 0.00	30.23 -1.79 0.00	29.55 -1.92 -0.03	28.45 -1.78 -0.01	28.30 -1.90 -0.03	30.15 -1.96 -0.02	31.04 -2.02 0.00	33.50 -2.63 -0.05	35.78 -2.74 0.03	37.03 -3.39 -0.07	39.77 -3.60 0.00	45.64 -4.43 0.24	48.78 -4.53 0.64	51.86 -4.09 0.81	56.59 -5.52 1.36	66.81 -7.25 1.50	69.87 -7.73 2.13	87.51 -9.25 1.64	79.85 -6.71 1.66	57.11 -4.17 1.85	52.35 -4.00 0.72	45.18 -3.24 0.00	40.13 -1.98 0.00	36.36 -1.24 0.00
LOCKPORT___CC3 323771	34.94 -1.65 0.00	30.23 -1.79 0.00	29.55 -1.92 -0.03	28.45 -1.78 -0.01	28.30 -1.90 -0.03	30.15 -1.96 -0.02	31.04 -2.02 0.00	33.50 -2.63 -0.05	35.78 -2.74 0.03	37.03 -3.39 -0.07	39.77 -3.60 0.00	45.64 -4.43 0.24	48.78 -4.53 0.64	51.86 -4.09 0.81	56.59 -5.52 1.36	66.81 -7.25 1.50	69.87 -7.73 2.13	87.51 -9.25 1.64	79.85 -6.71 1.66	57.11 -4.17 1.85	52.35 -4.00 0.72	45.18 -3.24 0.00	40.13 -1.98 0.00	36.36 -1.24 0.00
LONG_LAKE_PHOENIX 24014	38.63 -0.55 -2.59	33.29 -0.48 -1.75	32.72 -0.50 -1.79	31.02 -0.54 -1.33	30.93 -0.54 -1.29	33.90 -0.51 -2.33	34.94 -0.53 -2.42	38.49 -0.61 -3.02	41.45 -0.69 -3.59	43.53 -0.69 -3.86	46.72 -0.78 -4.13	55.35 -0.91 -5.95	59.50 -0.92 -6.48	62.79 -0.85 -6.89	70.95 -1.08 -8.56	86.50 -1.36 -12.29	91.16 -1.44 -12.86	113.58 -1.77 -16.94	101.21 -1.32 -14.31	69.50 -0.82 -7.19	62.31 -0.68 -5.93	51.87 -0.68 -4.12	44.37 -0.46 -2.73	39.35 -0.49 -2.24
LOVETT___3 23632	39.73 3.15 0.00	34.78 2.75 0.00	34.08 2.45 -0.19	32.63 2.36 -0.04	32.65 2.29 -0.18	34.60 2.41 -0.10	35.83 2.78 0.00	39.62 3.18 -0.36	41.98 3.43 0.00	44.35 3.43 -0.57	47.15 3.77 0.00	54.69 4.38 0.00	60.14 4.80 -1.39	64.42 4.94 -2.73	72.66 5.78 -3.41	88.96 7.25 -6.14	92.46 7.81 -4.91	113.43 9.64 -5.37	96.29 7.94 -0.14	68.43 5.30 0.00	61.63 4.57 0.00	52.40 3.97 0.00	45.43 3.33 0.00	40.72 3.12 0.00
LOVETT___4 23642	39.73 3.15 0.00	34.78 2.75 0.00	34.08 2.45 -0.19	32.63 2.36 -0.04	32.65 2.29 -0.18	34.60 2.41 -0.10	35.83 2.78 0.00	39.62 3.18 -0.36	41.98 3.43 0.00	44.35 3.43 -0.57	47.15 3.77 0.00	54.69 4.38 0.00	60.14 4.80 -1.39	64.42 4.94 -2.73	72.66 5.78 -3.41	88.96 7.25 -6.14	92.46 7.81 -4.91	113.43 9.64 -5.37	96.29 7.94 -0.14	68.43 5.30 0.00	61.63 4.57 0.00	52.40 3.97 0.00	45.43 3.33 0.00	40.72 3.12 0.00
LOVETT___5 23593	39.73 3.15 0.00	34.78 2.75 0.00	34.08 2.45 -0.19	32.63 2.36 -0.04	32.65 2.29 -0.18	34.60 2.41 -0.10	35.83 2.78 0.00	39.62 3.18 -0.36	41.98 3.43 0.00	44.35 3.43 -0.57	47.15 3.77 0.00	54.69 4.38 0.00	60.14 4.80 -1.39	64.42 4.94 -2.73	72.66 5.78 -3.41	88.96 7.25 -6.14	92.46 7.81 -4.91	113.43 9.64 -5.37	96.29 7.94 -0.14	68.43 5.30 0.00	61.63 4.57 0.00	52.40 3.97 0.00	45.43 3.33 0.00	40.72 3.12 0.00
LOWER RAQUET___HYD 24057	34.26 -2.56 -0.24	30.00 -2.18 -0.16	29.52 -2.08 -0.16	28.26 -1.94 0.04	28.00 -1.90 0.27	30.28 -2.02 -0.21	31.29 -1.98 -0.22	34.13 -2.24 -0.28	36.40 -2.47 -0.32	38.05 -2.66 -0.36	39.82 -2.86 0.69	42.19 -3.27 4.85	46.00 -3.56 4.38	48.71 -3.69 4.35	38.87 -4.19 20.41	46.01 -4.91 24.64	46.88 -5.10 27.75	55.50 -6.50 36.42	53.25 -5.91 29.06	55.64 -4.10 3.38	53.35 -3.65 0.06	43.21 -3.24 1.97	39.31 -3.03 -0.24	28.84 -2.71 6.05
LOWER___HUDSON 24059	38.67 2.08 0.00	33.88 1.86 0.00	33.36 1.66 -0.26	31.89 1.60 -0.06	32.05 1.63 -0.25	33.99 1.76 -0.14	34.87 1.82 0.00	38.56 1.98 -0.49	40.71 2.16 0.00	43.46 2.34 -0.77	45.84 2.47 0.00	53.23 2.92 0.00	68.45 3.02 -11.49	82.48 3.18 -22.55	95.23 3.62 -28.14	120.89 4.46 -40.86	125.03 4.70 -40.59	148.57 5.80 -44.35	94.55 5.29 -1.04	66.85 3.72 0.00	60.38 3.31 0.00	51.23 2.81 0.00	44.33 2.23 0.00	39.59 1.99 0.00
LOWVILLE_115KV_TB2 356335	37.34 0.22 -0.54	32.55 0.16 -0.36	31.94 0.13 -0.38	30.52 0.06 -0.23	30.40 0.06 -0.16	32.74 0.16 -0.49	33.82 0.26 -0.50	36.93 0.22 -0.64	39.44 0.15 -0.74	41.21 0.04 -0.82	43.88 -0.09 -0.60	50.14 -0.05 0.12	53.86 -0.11 -0.03	56.78 -0.06 -0.09	59.91 0.06 3.63	71.56 0.00 4.00	75.06 0.08 4.75	92.67 0.30 6.04	84.19 0.71 4.73	64.28 0.95 -0.21	59.01 0.97 -0.97	49.34 0.63 -0.28	43.05 0.38 -0.57	36.72 0.19 1.07
LUTHERFT_115KV_GLOB_FND_222 355753	39.36 2.78 0.00	34.43 2.40 0.00	33.90 2.20 -0.26	32.37 2.09 -0.06	32.48 2.05 -0.25	34.51 2.28 -0.14	35.43 2.38 0.00	39.04 2.45 -0.50	41.32 2.78 0.00	44.00 2.87 -0.78	46.37 2.99 0.00	53.88 3.57 0.00	64.23 3.72 -6.57	73.50 3.86 -12.89	83.81 4.25 -16.08	105.00 5.21 -24.22	108.43 5.50 -23.20	130.85 7.09 -25.35	95.66 6.79 -0.66	67.99 4.86 0.00	61.46 4.39 0.00	52.16 3.73 0.00	45.18 3.07 0.00	40.23 2.63 0.00

LUTHERNY_35_KV_BK2 355980	39.36 2.78 0.00	34.46 2.43 0.00	33.93 2.23 -0.26	32.40 2.12 -0.06	32.51 2.08 -0.25	34.54 2.31 -0.14	35.47 2.41 0.00	39.07 2.49 -0.50	41.36 2.81 0.00	44.00 2.87 -0.78	46.37 2.99 0.00	53.93 3.62 0.00	64.29 3.78 -6.57	73.56 3.92 -12.89	83.87 4.32 -16.08	105.08 5.29 -24.22	108.51 5.58 -23.20	130.94 7.18 -25.35	95.75 6.88 -0.66	68.05 4.92 0.00	61.52 4.45 0.00	52.20 3.78 0.00	45.22 3.12 0.00	40.26 2.67 0.00
LWR___OSWEGATCHIE_HYD 23850	35.55 -1.50 -0.47	31.06 -1.28 -0.31	30.50 -1.26 -0.32	29.15 -1.21 -0.13	28.94 -1.21 0.03	31.29 -1.22 -0.42	32.30 -1.19 -0.44	35.30 -1.34 -0.55	37.64 -1.54 -0.64	39.41 -1.65 -0.71	41.50 -1.91 -0.04	45.62 -2.16 2.52	49.37 -2.37 2.20	52.17 -2.44 2.14	48.09 -2.73 12.66	57.29 -3.25 15.03	59.30 -3.35 17.08	71.98 -4.13 22.30	66.96 -3.53 17.73	59.41 -2.15 1.57	55.78 -1.88 -0.59	45.82 -1.79 0.81	40.82 -1.77 -0.49	32.20 -1.65 3.74
LYONS_FALL_HYD 23570	37.63 0.66 -0.39	32.83 0.54 -0.26	32.21 0.50 -0.27	30.82 0.42 -0.17	30.72 0.42 -0.13	32.99 0.54 -0.35	34.04 0.63 -0.36	37.19 0.65 -0.46	39.78 0.69 -0.53	41.59 0.64 -0.59	44.45 0.61 -0.47	51.13 0.70 -0.12	54.85 0.70 -0.21	57.85 0.85 -0.25	62.63 0.95 1.80	74.74 1.06 1.88	78.62 1.20 2.31	97.09 1.57 2.89	87.74 1.76 2.24	65.13 1.71 -0.30	59.33 1.54 -0.72	49.93 1.21 -0.29	43.40 0.89 -0.41	37.75 0.68 0.53
MADISON___COUNTY_LFGE 323628	38.39 1.43 -0.38	33.47 1.18 -0.26	32.81 1.10 -0.27	31.39 0.97 -0.19	31.32 0.97 -0.18	33.56 1.12 -0.35	34.63 1.22 -0.36	37.81 1.26 -0.46	40.46 1.39 -0.52	42.40 1.45 -0.60	45.55 1.56 -0.61	52.97 1.86 -0.80	56.67 2.00 -0.73	59.69 2.21 -0.73	66.59 2.35 -0.77	79.47 2.64 -1.26	83.74 2.87 -1.13	103.96 3.64 -1.90	93.34 3.62 -1.51	66.42 2.90 -0.38	60.30 2.63 -0.61	51.17 2.13 -0.61	44.32 1.81 -0.40	39.43 1.50 -0.33
MALONE___115KV_TB1 356076	35.23 -1.35 0.00	30.90 -1.12 0.00	30.40 -1.04 0.00	29.30 -0.88 0.05	29.20 -0.84 0.13	31.22 -0.87 0.00	32.16 -0.89 0.00	35.22 -0.87 0.00	37.41 -1.12 0.02	39.02 -1.33 0.00	40.69 -1.43 1.26	42.37 -1.66 6.28	46.35 -1.83 5.76	48.90 -2.10 5.75	36.46 -2.41 24.60	42.95 -2.72 29.90	43.39 -2.79 33.55	50.96 -3.35 44.10	49.89 -3.09 35.24	56.26 -2.34 4.54	54.43 -2.00 0.64	43.85 -1.84 2.74	40.41 -1.68 0.01	28.76 -1.54 7.29
MAPLEWOD_115KV_TB3 80458	38.49 1.90 0.00	33.69 1.67 0.00	33.23 1.54 -0.26	31.77 1.48 -0.06	31.87 1.45 -0.25	33.80 1.57 -0.14	34.71 1.65 0.00	38.30 1.73 -0.49	40.51 1.97 0.00	43.18 2.06 -0.76	45.63 2.26 0.00	52.87 2.57 0.00	67.38 2.70 -10.74	80.66 2.84 -21.07	93.00 3.24 -26.29	117.86 4.01 -38.29	121.88 4.23 -37.92	145.06 5.22 -41.43	93.96 4.68 -1.07	66.41 3.28 0.00	59.92 2.85 0.00	50.90 2.47 0.00	44.17 2.06 0.00	39.44 1.84 0.00
MAPLE_RIDGE_WT_1 323574	36.00 -0.59 0.00	31.51 -0.51 0.00	30.97 -0.47 0.00	29.75 -0.48 0.00	29.70 -0.48 -0.01	31.57 -0.51 0.00	32.52 -0.53 0.00	34.82 -1.26 0.00	37.13 -1.39 0.04	38.94 -1.41 0.00	39.80 -1.47 2.10	38.16 -1.66 10.49	42.54 -1.78 9.63	45.22 -1.93 9.60	20.20 -2.16 41.12	23.11 -2.49 49.97	20.95 -2.71 56.07	21.46 -3.25 73.71	26.32 -3.00 58.90	53.47 -2.08 7.58	54.24 -1.77 1.06	42.30 -1.55 4.57	40.74 -1.35 0.01	24.20 -1.20 12.19
MAPLE_RIDGE_WT_2 323611	36.00 -0.59 0.00	31.51 -0.51 0.00	30.97 -0.47 0.00	29.75 -0.48 0.00	29.70 -0.48 -0.01	31.57 -0.51 0.00	32.52 -0.53 0.00	34.82 -1.26 0.00	37.13 -1.39 0.04	38.94 -1.41 0.00	39.80 -1.47 2.10	38.16 -1.66 10.49	42.54 -1.78 9.63	45.22 -1.93 9.60	20.20 -2.16 41.12	23.11 -2.49 49.97	20.95 -2.71 56.07	21.46 -3.25 73.71	26.32 -3.00 58.90	53.47 -2.08 7.58	54.24 -1.77 1.06	42.30 -1.55 4.57	40.74 -1.35 0.01	24.20 -1.20 12.19
MARBLE_RIVER_WT_PWR 323696	35.12 -1.46 0.00	30.84 -1.18 0.00	30.37 -1.07 0.00	29.26 -0.97 0.00	29.24 -0.94 0.00	31.16 -0.93 0.00	32.26 -0.79 0.00	35.22 -0.87 0.00	37.52 -1.00 0.02	39.14 -1.21 0.00	40.82 -1.21 1.34	42.10 -1.51 6.70	46.06 -1.73 6.15	48.51 -2.10 6.14	34.78 -2.41 26.28	40.99 -2.65 31.93	41.19 -2.71 35.83	47.96 -3.35 47.10	47.67 -2.91 37.64	55.88 -2.40 4.85	54.28 -2.11 0.68	43.76 -1.74 2.92	40.75 -1.35 0.01	28.46 -1.35 7.79
MARSHVLE_115KV_TB1 80742	39.99 3.40 0.00	34.94 2.91 0.00	34.50 2.77 -0.30	32.93 2.63 -0.07	33.00 2.53 -0.29	35.17 2.92 -0.16	36.13 3.07 0.00	39.47 2.81 -0.57	41.48 2.93 0.00	43.95 2.70 -0.89	46.28 2.91 0.00	53.48 3.17 0.00	59.91 3.34 -2.62	65.30 3.40 -5.15	73.64 3.74 -6.43	91.31 4.61 -11.13	93.31 4.31 -9.27	115.53 6.99 -10.13	96.42 7.94 -0.26	69.32 6.19 0.00	62.60 5.54 0.00	53.08 4.65 0.00	46.31 4.21 0.00	41.09 3.50 0.00
MARSH_HILL_WT_PWR 323713	36.96 0.11 -0.27	32.11 -0.10 -0.18	31.15 -0.50 -0.22	29.95 -0.42 -0.15	29.68 -0.66 -0.17	31.84 -0.51 -0.26	32.91 -0.40 -0.25	36.11 -0.36 -0.39	38.56 -0.35 -0.36	40.22 -0.65 -0.51	43.07 -0.74 -0.44	49.50 -1.26 -0.45	52.84 -1.30 -0.19	55.84 -1.02 -0.11	61.74 -1.58 0.15	73.47 -2.34 -0.25	76.81 -2.63 0.30	95.84 -3.05 -0.48	87.26 -1.15 -0.19	62.12 -0.31 0.69	56.72 -0.40 -0.05	49.00 0.15 -0.43	43.02 0.63 -0.28	38.28 0.45 -0.23
MCINTYRE_115KV_TB2 80467	35.05 -1.54 0.00	30.74 -1.28 0.00	30.24 -1.19 0.00	28.96 -1.09 0.18	28.68 -1.06 0.44	31.00 -1.09 0.00	31.93 -1.12 0.00	35.09 -1.23 -0.24	37.23 -1.58 -0.26	38.92 -1.74 -0.30	40.57 -2.00 0.81	42.81 -2.26 5.24	46.82 -2.37 4.75	49.59 -2.44 4.72	39.02 -2.73 21.72	46.06 -3.25 26.26	46.76 -3.43 29.55	54.10 -4.33 39.98	52.47 -3.79 31.95	56.55 -2.46 4.11	54.38 -2.11 0.58	43.96 -1.99 2.48	40.16 -1.94 0.01	29.22 -1.77 6.61
MECO_____69_KV_BK1 80468	42.03 5.45 0.00	36.70 4.68 0.00	36.06 4.34 -0.29	34.41 4.11 -0.07	34.44 3.98 -0.28	36.80 4.56 -0.16	37.94 4.89 0.00	41.58 4.94 -0.55	44.25 5.71 0.00	46.78 5.57 -0.86	49.45 6.07 0.00	57.45 7.14 0.00	64.33 7.61 -2.79	70.05 7.83 -5.47	78.86 8.57 -6.82	97.68 10.50 -11.61	100.18 10.60 -9.84	124.22 15.06 -10.75	103.40 14.91 -0.28	73.73 10.61 0.00	66.26 9.19 0.00	56.13 7.70 0.00	48.80 6.69 0.00	43.16 5.56 0.00
MENANDS___115KV_TB5 355628	38.23 1.65 0.00	33.46 1.44 0.00	33.01 1.32 -0.26	31.56 1.27 -0.06	31.69 1.27 -0.25	33.61 1.38 -0.14	34.51 1.45 0.00	38.08 1.52 -0.49	40.28 1.73 0.00	42.93 1.82 -0.76	45.32 1.95 0.00	52.52 2.21 0.00	63.99 2.32 -7.73	74.30 2.38 -15.16	85.19 2.79 -18.92	107.14 3.48 -28.09	110.69 3.67 -27.29	132.66 4.43 -29.82	92.87 3.88 -0.77	65.84 2.71 0.00	59.46 2.40 0.00	50.46 2.03 0.00	43.83 1.73 0.00	39.14 1.54 0.00
MG INDUSTRY___DRP 24185	38.08 1.50 0.00	33.37 1.34 0.00	32.98 1.29 -0.25	31.53 1.24 -0.06	31.66 1.24 -0.25	33.54 1.32 -0.14	34.41 1.36 0.00	37.94 1.37 -0.48	40.09 1.54 0.00	42.64 1.53 -0.75	45.02 1.65 0.00	51.97 1.66 0.00	44.34 1.29 10.90	36.66 1.31 21.39	38.37 1.59 26.69	42.51 1.96 35.02	43.39 2.15 38.50	59.01 2.66 42.06	89.33 2.21 1.09	64.71 1.58 0.00	58.49 1.43 0.00	49.69 1.26 0.00	43.70 1.60 0.00	39.02 1.43 0.00

MID___OSWEGATCHIE_HYD 23849	35.55 -1.50 -0.47	31.06 -1.28 -0.31	30.50 -1.26 -0.32	29.15 -1.21 -0.13	28.94 -1.21 0.03	31.29 -1.22 -0.42	32.30 -1.19 -0.44	35.30 -1.34 -0.55	37.64 -1.54 -0.64	39.41 -1.65 -0.71	41.50 -1.91 -0.04	45.62 -2.16 2.52	49.37 -2.37 2.20	52.17 -2.44 2.14	48.09 -2.73 12.66	57.29 -3.25 15.03	59.30 -3.35 17.08	71.98 -4.13 22.30	66.96 -3.53 17.73	59.41 -2.15 1.57	55.78 -1.88 -0.59	45.82 -1.79 0.81	40.82 -1.77 -0.49	32.20 -1.65 3.74
MID___RAQUETTE_HYD 23851	34.37 -2.45 -0.24	30.07 -2.11 -0.16	29.62 -1.98 -0.16	28.32 -1.87 0.04	28.06 -1.84 0.27	30.38 -1.93 -0.21	31.29 -1.98 -0.22	34.23 -2.13 -0.28	36.44 -2.43 -0.32	38.13 -2.58 -0.36	39.82 -2.86 0.69	42.19 -3.27 4.85	46.00 -3.56 4.38	48.71 -3.69 4.35	38.93 -4.13 20.41	46.01 -4.91 24.64	46.89 -5.10 27.75	55.50 -6.50 36.42	53.25 -5.91 29.06	55.64 -4.10 3.38	53.35 -3.65 0.06	43.21 -3.24 1.97	39.31 -3.03 -0.24	28.80 -2.74 6.05
MILLIKEN___1 23584	38.34 0.95 -0.81	33.30 0.74 -0.54	32.69 0.66 -0.59	31.20 0.54 -0.43	31.13 0.51 -0.44	33.51 0.67 -0.74	34.57 0.76 -0.75	37.84 0.72 -1.04	40.50 0.81 -1.15	42.42 0.73 -1.34	45.49 0.78 -1.34	52.97 0.86 -1.80	56.62 0.92 -1.76	59.64 1.08 -1.81	66.61 1.08 -2.06	80.17 1.28 -3.32	83.98 1.20 -3.05	104.82 1.97 -4.44	94.21 2.38 -3.61	66.38 1.96 -1.29	60.37 1.83 -1.48	51.21 1.50 -1.29	44.39 1.43 -0.85	39.42 1.13 -0.70
MILLIKEN___2 23585	38.34 0.95 -0.81	33.30 0.74 -0.54	32.69 0.66 -0.59	31.20 0.54 -0.43	31.13 0.51 -0.44	33.51 0.67 -0.74	34.57 0.76 -0.75	37.84 0.72 -1.04	40.50 0.81 -1.15	42.42 0.73 -1.34	45.49 0.78 -1.34	52.97 0.86 -1.80	56.62 0.92 -1.76	59.64 1.08 -1.81	66.61 1.08 -2.06	80.17 1.28 -3.32	83.98 1.20 -3.05	104.82 1.97 -4.44	94.21 2.38 -3.61	66.38 1.96 -1.29	60.37 1.83 -1.48	51.21 1.50 -1.29	44.39 1.43 -0.85	39.42 1.13 -0.70
MILLIKEN___DIESEL 23629	38.34 0.95 -0.81	33.30 0.74 -0.54	32.69 0.66 -0.59	31.20 0.54 -0.43	31.13 0.51 -0.44	33.51 0.67 -0.74	34.57 0.76 -0.75	37.84 0.72 -1.04	40.50 0.81 -1.15	42.42 0.73 -1.34	45.49 0.78 -1.34	52.97 0.86 -1.80	56.62 0.92 -1.76	59.64 1.08 -1.81	66.61 1.08 -2.06	80.17 1.28 -3.32	83.98 1.20 -3.05	104.82 1.97 -4.44	94.21 2.38 -3.61	66.38 1.96 -1.29	60.37 1.83 -1.48	51.21 1.50 -1.29	44.39 1.43 -0.85	39.42 1.13 -0.70
MILLSEAT___LFGE 323607	35.78 -0.81 0.00	30.93 -1.09 0.00	30.27 -1.19 -0.03	29.09 -1.15 -0.01	28.93 -1.27 -0.03	30.88 -1.22 -0.01	31.80 -1.26 0.00	34.44 -1.70 -0.05	36.74 -1.77 0.03	38.16 -2.26 -0.07	40.95 -2.43 0.00	47.05 -3.02 0.24	50.22 -3.07 0.65	53.32 -2.61 0.82	58.15 -3.94 1.39	68.74 -5.29 1.54	71.98 -5.58 2.17	90.04 -6.70 1.68	82.29 -4.23 1.69	58.65 -2.59 1.89	53.99 -2.34 0.74	46.44 -1.99 0.00	41.14 -0.97 0.00	37.03 -0.56 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.84 3.26 0.00	34.87 2.85 0.00	34.18 2.55 -0.20	32.72 2.45 -0.05	32.78 2.41 -0.19	34.73 2.54 -0.11	35.96 2.91 0.00	39.78 3.32 -0.38	42.21 3.66 0.00	44.65 3.71 -0.59	47.41 4.03 0.00	54.99 4.68 0.00	60.59 5.12 -1.53	64.96 5.22 -2.99	73.36 6.16 -3.73	89.84 7.63 -6.65	93.34 8.21 -5.39	114.44 10.14 -5.89	96.84 8.47 -0.15	68.75 5.62 0.00	61.92 4.85 0.00	52.64 4.21 0.00	45.68 3.58 0.00	40.90 3.31 0.00
MILLWOOD_13_KV_LOAD 356217	39.99 3.40 0.00	35.00 2.98 0.00	34.31 2.67 -0.20	32.84 2.57 -0.05	32.87 2.50 -0.19	34.83 2.63 -0.11	36.09 3.04 0.00	39.96 3.50 -0.38	42.40 3.85 0.00	44.85 3.91 -0.59	47.67 4.29 0.00	55.29 4.98 0.00	60.92 5.45 -1.53	65.30 5.56 -2.99	73.75 6.54 -3.73	90.37 8.16 -6.65	93.81 8.69 -5.39	115.12 10.83 -5.89	97.37 9.00 -0.15	69.19 6.06 0.00	62.20 5.14 0.00	52.93 4.50 0.00	45.85 3.75 0.00	41.05 3.46 0.00
MODEL_CITY_ENERGY 24167	34.72 -1.86 0.00	30.04 -1.99 0.00	29.39 -2.08 -0.03	28.27 -1.96 -0.01	28.15 -2.05 -0.03	29.95 -2.15 -0.02	30.87 -2.18 0.00	33.25 -2.89 -0.05	35.51 -3.01 0.03	36.87 -3.55 -0.07	39.56 -3.82 0.00	45.44 -4.63 0.24	48.56 -4.75 0.63	51.63 -4.32 0.80	56.34 -5.78 1.35	66.52 -7.56 1.49	69.65 -7.97 2.12	87.23 -9.54 1.64	79.59 -6.97 1.65	56.93 -4.36 1.84	52.13 -4.22 0.72	44.94 -3.49 0.00	39.96 -2.15 0.00	36.05 -1.54 0.00
MODERN_LFGE___ 323580	34.72 -1.86 0.00	30.04 -1.99 0.00	29.39 -2.08 -0.03	28.27 -1.96 -0.01	28.15 -2.05 -0.03	29.95 -2.15 -0.02	30.87 -2.18 0.00	33.25 -2.89 -0.05	35.51 -3.01 0.03	36.87 -3.55 -0.07	39.56 -3.82 0.00	45.44 -4.63 0.24	48.56 -4.75 0.63	51.63 -4.32 0.80	56.34 -5.78 1.35	66.52 -7.56 1.49	69.65 -7.97 2.12	87.23 -9.54 1.64	79.59 -6.97 1.65	56.93 -4.36 1.84	52.13 -4.22 0.72	44.94 -3.49 0.00	39.96 -2.15 0.00	36.05 -1.54 0.00
MOHAWK_PAPER___DRP 24187	38.49 1.90 0.00	33.69 1.67 0.00	33.23 1.54 -0.26	31.77 1.48 -0.06	31.87 1.45 -0.25	33.80 1.57 -0.14	34.71 1.65 0.00	38.30 1.73 -0.49	40.51 1.97 0.00	43.18 2.06 -0.76	45.63 2.26 0.00	52.87 2.57 0.00	67.38 2.70 -10.74	80.66 2.84 -21.07	93.00 3.24 -26.29	117.86 4.01 -38.29	121.88 4.23 -37.92	145.06 5.22 -41.43	93.96 4.68 -1.07	66.41 3.28 0.00	59.92 2.85 0.00	50.90 2.47 0.00	44.17 2.06 0.00	39.44 1.84 0.00
MOHICAN___35_KV_115KV_LD 80490	39.69 3.11 0.00	34.68 2.66 0.00	34.09 2.39 -0.26	32.56 2.27 -0.06	32.63 2.20 -0.26	34.70 2.47 -0.14	35.70 2.64 0.00	39.29 2.71 -0.50	41.67 3.12 0.00	44.29 3.15 -0.78	46.45 3.08 0.00	54.13 3.82 0.00	64.14 3.88 -6.32	73.06 3.92 -12.40	83.19 4.25 -15.47	104.15 5.21 -23.37	107.55 5.50 -22.31	130.07 7.28 -24.38	96.26 7.41 -0.63	68.49 5.37 0.00	62.03 4.96 0.00	52.64 4.21 0.00	45.56 3.45 0.00	40.45 2.86 0.00
MONGAUP___HYD 23641	39.69 3.11 0.00	34.74 2.72 0.00	34.07 2.45 -0.18	32.63 2.36 -0.04	32.64 2.29 -0.17	34.56 2.37 -0.10	35.66 2.61 0.00	39.27 2.85 -0.34	41.56 3.01 0.00	43.82 2.94 -0.52	46.58 3.21 0.00	53.98 3.67 0.00	59.27 4.15 -1.17	63.36 4.31 -2.30	71.30 4.95 -2.87	87.13 6.27 -5.30	90.02 6.14 -4.14	110.71 7.77 -4.53	95.46 7.14 -0.10	68.62 5.49 0.00	61.92 4.85 0.00	52.50 4.07 0.00	45.51 3.41 0.00	40.68 3.08 0.00
MONTAUK___DIESEL 23721	45.32 5.60 -3.14	44.34 4.87 -7.45	43.40 4.46 -7.50	42.48 4.20 -8.05	42.39 4.10 -8.11	42.76 4.36 -6.30	42.97 4.83 -5.09	43.67 5.52 -2.07	44.86 6.21 -0.11	46.96 6.01 -0.59	55.27 7.55 -4.35	134.70 8.85 -75.54	135.03 9.55 -71.54	149.55 10.16 -82.64	150.48 11.68 -75.33	280.08 14.06 -190.46	282.59 13.79 -189.06	273.92 16.53 -158.97	282.21 14.38 -179.61	271.85 10.42 -198.31	144.40 9.24 -78.09	141.10 7.94 -84.73	51.95 6.53 -3.32	43.31 5.71 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.74 -0.84 0.00	30.84 -1.18 0.00	29.99 -1.48 -0.03	28.91 -1.33 -0.01	28.70 -1.51 -0.03	30.79 -1.32 -0.02	31.86 -1.19 0.00	34.37 -1.77 -0.06	37.13 -1.39 0.03	38.14 -2.30 -0.08	41.90 -1.47 0.00	47.73 -2.36 0.21	51.06 -2.32 0.57	54.61 -1.42 0.72	59.47 -2.79 1.21	70.44 -3.85 1.27	73.94 -3.91 1.89	92.62 -4.33 1.46	84.45 -2.29 1.48	60.53 -0.95 1.65	55.63 -0.80 0.64	48.14 -0.29 0.00	42.69 0.59 0.00	38.61 1.02 0.00

MORTIMER_115KV_TB3 55949	35.92 -0.66 0.00	31.26 -0.77 0.00	30.64 -0.82 -0.02	29.36 -0.88 -0.01	29.29 -0.91 -0.02	31.17 -0.93 -0.01	32.09 -0.96 0.00	35.08 -1.05 -0.04	37.16 -1.35 0.04	39.09 -1.33 -0.07	41.99 -1.39 0.00	48.59 -1.46 0.26	51.79 -1.46 0.69	54.68 -1.19 0.88	59.90 -2.09 1.48	71.15 -2.72 1.69	74.47 -2.95 2.32	93.08 -3.54 1.79	84.29 -2.12 1.81	59.85 -1.26 2.02	55.48 -0.80 0.79	47.31 -1.11 0.00	41.56 -0.55 0.00	37.22 -0.38 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.28 3.69 0.00	35.23 3.20 0.00	34.50 2.86 -0.20	33.02 2.75 -0.05	33.05 2.69 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.25 3.79 -0.38	42.71 4.16 0.00	45.18 4.24 -0.59	47.93 4.55 0.00	55.49 5.18 0.00	61.15 5.66 -1.54	65.51 5.73 -3.03	73.86 6.60 -3.78	90.60 8.31 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.46 9.09 -0.15	69.19 6.06 0.00	62.32 5.25 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.32 3.72 0.00
MUNSVILLE_WIND_PWR 323609	40.25 3.15 -0.52	35.13 2.75 -0.35	34.45 2.61 -0.41	32.95 2.45 -0.28	32.84 2.36 -0.31	35.31 2.73 -0.49	36.54 3.01 -0.48	41.46 4.84 -0.54	44.15 5.13 -0.47	46.52 5.45 -0.72	49.56 5.64 -0.56	57.52 6.49 -0.72	61.61 7.01 -0.66	65.12 7.72 -0.66	72.30 8.13 -0.70	86.53 9.37 -1.60	90.56 9.80 -1.02	108.91 7.77 -2.73	98.44 8.03 -2.20	70.46 6.63 -0.71	63.96 5.99 -0.90	54.24 4.99 -0.82	46.99 4.34 -0.54	41.69 3.65 -0.45
N SALMON___HYD 24042	34.97 -1.61 0.00	30.71 -1.31 0.00	30.24 -1.19 0.00	29.12 -1.06 0.05	29.02 -1.03 0.13	31.03 -1.06 0.00	32.16 -0.89 0.00	35.11 -0.97 0.00	37.37 -1.16 0.02	38.98 -1.37 0.00	40.69 -1.43 1.26	42.37 -1.66 6.28	46.35 -1.83 5.76	48.90 -2.10 5.75	36.46 -2.41 24.60	42.95 -2.72 29.90	43.39 -2.79 33.55	50.96 -3.35 44.10	49.88 -3.09 35.24	56.26 -2.33 4.54	54.49 -1.94 0.64	43.85 -1.84 2.74	40.41 -1.69 0.01	28.76 -1.54 7.29
N.AKRON__115KV_KNAPP 355671	35.52 -1.06 0.00	30.77 -1.25 0.00	30.05 -1.41 -0.03	28.87 -1.36 -0.01	28.75 -1.45 -0.03	30.63 -1.48 -0.01	31.53 -1.52 0.00	34.15 -1.98 -0.05	36.32 -2.20 0.03	37.84 -2.58 -0.07	40.94 -2.43 0.00	47.05 -3.02 0.24	50.22 -3.07 0.65	53.32 -2.61 0.82	57.97 -4.13 1.38	68.75 -5.29 1.53	71.91 -5.66 2.16	90.05 -6.69 1.67	82.21 -4.32 1.68	58.66 -2.59 1.88	54.28 -2.05 0.73	46.44 -1.99 0.00	41.14 -0.97 0.00	37.29 -0.30 0.00
N.BELMOR_69_KV_BK1 55787	43.96 4.24 -3.13	43.18 3.71 -7.44	42.30 3.36 -7.50	41.48 3.20 -8.05	41.43 3.14 -8.11	41.73 3.34 -6.30	41.88 3.73 -5.09	42.41 4.26 -2.07	43.40 4.74 -0.11	45.42 4.48 -0.59	48.45 5.07 0.00	62.49 5.99 -6.19	67.65 6.53 -7.17	77.41 6.81 -13.85	91.43 7.87 -20.08	133.16 9.75 -47.84	175.17 10.53 -84.91	178.55 13.09 -67.04	131.34 11.03 -32.10	70.33 7.20 0.00	63.23 6.16 0.00	53.95 5.52 0.00	46.78 4.67 0.00	41.88 4.29 0.00
N.E_GEN_SANDY PD 24062	38.96 2.38 0.00	34.61 2.15 -0.44	33.11 1.89 0.21	32.13 1.84 -0.05	32.27 1.87 -0.22	34.17 1.96 -0.13	35.17 2.12 0.00	38.94 2.42 -0.44	41.09 2.54 0.00	43.82 2.78 -0.68	46.36 2.99 0.00	53.78 3.47 0.00	62.50 3.67 -4.89	75.71 3.86 -15.10	87.40 4.44 -19.49	100.20 5.51 -19.12	103.69 5.82 -18.14	125.32 7.09 -19.82	120.22 6.17 -25.83	92.26 4.23 -24.90	76.34 3.71 -15.57	53.65 3.15 -2.07	43.43 2.48 1.16	39.01 2.33 0.92
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.80 3.22 0.00	34.84 2.82 0.00	34.14 2.51 -0.19	32.69 2.42 -0.04	32.71 2.35 -0.18	34.66 2.47 -0.10	35.90 2.84 0.00	39.69 3.25 -0.36	42.10 3.55 0.00	44.43 3.51 -0.56	47.23 3.86 0.00	54.84 4.53 0.00	60.29 4.96 -1.38	64.57 5.11 -2.71	72.89 6.03 -3.39	89.15 7.48 -6.10	92.75 8.13 -4.88	113.79 10.04 -5.34	96.56 8.20 -0.14	68.62 5.49 0.00	61.80 4.74 0.00	52.54 4.12 0.00	45.56 3.45 0.00	40.79 3.20 0.00
N.QUEENS_27_KV_LOAD 356247	40.51 3.91 -0.01	35.55 3.52 -0.01	34.85 3.21 -0.21	33.37 3.08 -0.05	33.36 2.99 -0.20	35.21 3.02 -0.11	36.42 3.37 0.00	40.35 3.90 -0.37	42.79 4.24 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.34 5.03 0.00	61.09 5.61 -1.54	65.50 5.73 -3.02	73.72 6.47 -3.77	90.45 8.16 -6.72	93.96 8.77 -5.45	115.30 10.92 -5.96	97.36 9.00 -0.15	69.31 6.19 0.01	62.60 5.54 0.01	53.03 4.60 0.00	46.36 4.25 0.00	41.70 4.10 -0.01
N.TROY___115KV_TB1 355778	38.67 2.09 0.00	33.88 1.86 0.00	33.36 1.67 -0.26	31.89 1.60 -0.06	32.05 1.63 -0.25	33.99 1.76 -0.14	34.90 1.85 0.00	38.52 1.95 -0.49	40.71 2.16 0.00	43.42 2.30 -0.77	45.85 2.47 0.00	53.23 2.92 0.00	68.46 3.02 -11.49	82.48 3.18 -22.55	95.23 3.62 -28.14	120.89 4.46 -40.86	125.03 4.70 -40.59	148.57 5.81 -44.35	94.65 5.29 -1.15	66.85 3.72 0.00	60.38 3.31 0.00	51.24 2.81 0.00	44.34 2.23 0.00	39.59 1.99 0.00
NARROWS_GT1_1 24228	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT1_2 24229	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT1_3 24230	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT1_4 24231	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT1_5 24232	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11

NARROWS_GT1_6 24233	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT1_7 24234	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT1_8 24235	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	78.75 6.92 -8.36	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	94.74 5.04 -41.28	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT2_1 24236	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT2_2 24237	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT2_3 24238	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT2_4 24239	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT2_5 24240	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT2_6 24241	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT2_7 24242	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
NARROWS_GT2_8 24243	43.81 4.10 -3.13	35.66 3.52 -0.11	34.79 3.14 -0.22	33.34 3.05 -0.06	33.34 2.96 -0.21	35.35 3.15 -0.12	36.61 3.54 -0.02	43.46 4.18 -3.19	42.90 4.35 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.08 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.65 9.40 -5.51	116.04 11.61 -6.02	97.95 9.53 -0.21	77.16 6.31 -7.72	80.65 5.36 -18.22	96.57 5.04 -43.11	46.56 4.46 0.00	41.92 4.21 -0.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.11 2.52 0.00	34.20 2.18 0.00	33.69 2.01 -0.24	32.19 1.90 -0.05	32.28 1.87 -0.23	34.27 2.05 -0.13	35.20 2.15 0.00	38.23 1.70 -0.45	40.82 2.27 0.00	42.88 1.82 -0.71	45.72 2.34 0.00	52.52 2.21 0.00	41.56 2.54 14.91	30.09 2.61 29.27	30.06 3.11 36.52	30.75 3.93 48.75	31.53 4.47 52.67	46.76 5.90 57.56	92.11 5.38 1.49	66.98 3.85 0.00	60.55 3.48 0.00	51.24 2.81 0.00	44.88 2.78 0.00	39.93 2.33 0.00
NCHELSEA_115KV_TR2 355582	40.02 3.44 0.00	35.03 3.01 0.00	34.37 2.73 -0.20	32.90 2.63 -0.05	32.93 2.56 -0.19	34.89 2.70 -0.11	36.06 3.01 0.00	39.82 3.36 -0.38	42.21 3.66 0.00	44.62 3.67 -0.59	47.45 4.08 0.00	55.04 4.73 0.00	60.30 5.23 -1.12	64.34 5.39 -2.20	72.57 6.35 -2.75	88.72 7.86 -5.29	92.39 8.69 -3.96	113.47 10.73 -4.33	97.33 9.00 -0.12	69.25 6.12 0.00	62.37 5.31 0.00	52.93 4.50 0.00	45.85 3.75 0.00	41.05 3.46 0.00
NEG CAPITAL___MECHNVIL 23645	39.47 2.89 0.00	34.49 2.47 0.00	33.96 2.26 -0.26	32.43 2.15 -0.06	32.54 2.11 -0.25	34.57 2.34 -0.14	35.50 2.45 0.00	39.18 2.60 -0.50	41.40 2.85 0.00	44.16 3.03 -0.78	46.54 3.16 0.00	54.13 3.82 0.00	65.89 3.99 -7.95	76.50 4.14 -15.61	87.52 4.57 -19.47	110.14 5.67 -28.90	113.80 5.98 -28.09	136.68 7.58 -30.69	96.20 7.24 -0.75	68.31 5.18 0.00	61.69 4.62 0.00	52.35 3.92 0.00	45.30 3.20 0.00	40.34 2.74 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.67 -0.91 0.00	31.00 -1.03 0.00	30.48 -0.97 -0.02	29.12 -1.12 0.00	29.08 -1.12 -0.02	31.01 -1.09 -0.01	31.90 -1.16 0.00	34.79 -1.33 -0.04	37.17 -1.35 0.03	38.88 -1.53 -0.06	41.73 -1.65 0.00	48.31 -1.76 0.23	51.54 -1.78 0.62	54.37 -1.59 0.79	59.79 -2.35 1.33	71.03 -3.02 1.51	74.30 -3.35 2.09	92.76 -4.04 1.61	83.85 -2.74 1.63	59.48 -1.83 1.82	54.87 -1.48 0.71	46.88 -1.55 0.00	41.14 -0.97 0.00	36.69 -0.90 0.00

NEG CENTRAL___DRP 24199	37.54 0.15 -0.81	32.53 -0.03 -0.54	31.95 -0.06 -0.58	30.53 -0.12 -0.42	30.41 -0.18 -0.42	32.73 -0.10 -0.73	33.77 -0.03 -0.75	37.06 0.00 -0.98	39.65 0.00 -1.10	41.53 -0.08 -1.26	44.62 -0.04 -1.29	51.91 -0.10 -1.70	55.42 -0.11 -1.59	58.47 0.11 -1.60	65.03 -0.19 -1.74	78.00 -0.38 -2.81	81.82 -0.48 -2.56	101.57 -0.98 -4.14	91.80 0.26 -3.32	64.54 0.44 -0.97	58.99 0.57 -1.35	50.05 0.34 -1.28	43.50 0.55 -0.85	38.63 0.34 -0.70
NEG CENTRAL___INDECK 23768	37.50 0.91 0.00	32.50 0.48 0.00	31.75 0.28 -0.03	30.45 0.21 -0.01	30.30 0.09 -0.03	32.39 0.29 -0.02	33.32 0.26 0.00	36.25 0.11 -0.06	38.41 -0.12 0.03	38.75 -1.69 -0.09	41.42 -1.95 0.00	47.59 -2.51 0.20	50.86 -2.53 0.54	51.80 -4.26 0.69	56.98 -5.33 1.16	68.07 -6.27 1.23	71.14 -6.78 1.82	89.04 -7.97 1.41	81.06 -5.73 1.42	58.01 -3.53 1.59	53.71 -2.74 0.62	47.80 -0.63 0.00	42.06 -0.04 0.00	37.41 -0.19 0.00
NEG CENTRAL___SENECA 23627	37.19 0.18 -0.42	32.27 -0.03 -0.28	31.69 -0.06 -0.31	30.30 -0.15 -0.22	30.23 -0.18 -0.23	32.35 -0.13 -0.39	33.38 -0.07 -0.39	36.58 -0.04 -0.54	39.07 -0.04 -0.56	40.89 -0.16 -0.70	43.96 -0.09 -0.68	50.99 -0.10 -0.78	54.37 -0.11 -0.53	57.38 0.17 -0.46	63.55 -0.19 -0.27	75.88 -0.45 -0.76	79.51 -0.56 -0.33	98.21 -1.57 -1.38	89.42 0.26 -0.94	63.32 0.57 0.38	58.11 0.68 -0.36	49.53 0.44 -0.67	43.22 0.67 -0.44	38.41 0.45 -0.36
NEG CENTRAL___STATE_STREET 24147	37.92 0.26 -1.08	32.91 0.16 -0.73	32.29 0.09 -0.76	30.85 0.06 -0.56	30.76 0.03 -0.55	33.20 0.13 -0.98	34.26 0.20 -1.01	37.60 0.22 -1.30	40.31 0.27 -1.49	42.31 0.28 -1.67	45.37 0.26 -1.73	52.98 0.30 -2.37	56.68 0.38 -2.36	59.70 0.51 -2.44	66.68 0.38 -2.83	80.27 0.38 -4.32	84.26 0.32 -4.20	104.95 0.39 -6.14	94.14 0.88 -5.04	65.85 0.76 -1.96	59.99 0.86 -2.07	50.77 0.63 -1.72	43.96 0.72 -1.14	38.98 0.45 -0.93
NEG MILLWOOD___DRP 24198	40.21 3.62 0.00	35.16 3.14 0.00	34.50 2.86 -0.20	33.00 2.72 -0.05	33.03 2.66 -0.20	35.02 2.82 -0.11	36.29 3.24 0.00	40.11 3.64 -0.38	42.67 4.12 0.00	45.11 4.16 -0.60	48.01 4.64 0.00	55.69 5.38 0.00	61.27 5.93 -1.39	65.61 6.13 -2.73	74.12 7.24 -3.41	90.71 8.92 -6.23	94.07 9.41 -4.92	115.70 11.91 -5.38	98.41 10.06 -0.14	69.95 6.82 0.00	62.83 5.76 0.00	53.37 4.94 0.00	46.19 4.08 0.00	41.32 3.72 0.00
NEG NORTH_FLCN_SEA 23793	35.78 -0.80 0.00	31.42 -0.61 0.00	30.93 -0.50 0.00	29.84 -0.39 0.00	29.81 -0.36 0.00	32.02 -0.06 0.00	32.52 -0.53 0.00	35.65 -0.43 0.00	37.87 -0.66 0.02	39.47 -0.89 0.00	41.17 -0.87 1.34	42.53 -1.11 6.68	46.47 -1.35 6.13	48.65 -1.99 6.11	35.02 -2.29 26.17	41.58 -2.19 31.80	41.74 -2.31 35.68	48.65 -2.85 46.91	48.26 -2.47 37.48	55.97 -2.34 4.83	54.34 -2.05 0.68	44.06 -1.45 2.91	41.30 -0.80 0.01	28.90 -0.94 7.76
NEG NORTH_KES_CHATEGAY 23792	35.38 -1.21 0.00	31.03 -0.99 0.00	30.56 -0.88 0.00	29.46 -0.76 0.02	29.41 -0.72 0.04	31.32 -0.77 0.00	32.23 -0.83 0.00	35.25 -0.83 0.00	37.45 -1.08 0.02	39.10 -1.25 0.00	40.71 -1.34 1.32	42.12 -1.61 6.58	46.07 -1.83 6.04	48.57 -2.16 6.02	35.28 -2.41 25.79	41.51 -2.72 31.33	41.86 -2.71 35.16	48.94 -3.25 46.22	48.37 -2.91 36.94	56.04 -2.34 4.75	54.35 -2.05 0.67	43.82 -1.74 2.87	40.62 -1.47 0.01	28.56 -1.39 7.64
NEG NORTH___ALICE_FALLS 23915	35.74 -0.84 0.00	31.35 -0.67 0.00	30.87 -0.57 0.00	29.80 -0.42 0.00	29.77 -0.39 0.01	31.93 -0.16 0.00	32.59 -0.46 0.00	35.72 -0.36 0.00	37.91 -0.62 0.02	39.51 -0.85 0.00	41.17 -0.87 1.33	42.59 -1.06 6.66	46.59 -1.24 6.11	48.84 -1.82 6.10	35.21 -2.16 26.11	41.73 -2.12 31.72	41.98 -2.15 35.60	49.06 -2.56 46.80	48.61 -2.21 37.40	56.29 -2.02 4.81	54.68 -1.71 0.67	44.17 -1.36 2.90	41.17 -0.93 0.01	28.84 -1.02 7.74
NEG NORTH___LWR_SARANAC 23913	35.74 -0.84 0.00	31.35 -0.67 0.00	30.87 -0.57 0.00	29.80 -0.42 0.00	29.77 -0.39 0.01	31.93 -0.16 0.00	32.59 -0.46 0.00	35.72 -0.36 0.00	37.91 -0.62 0.02	39.51 -0.85 0.00	41.17 -0.87 1.33	42.59 -1.06 6.66	46.59 -1.24 6.11	48.84 -1.82 6.10	35.21 -2.16 26.11	41.73 -2.12 31.72	41.98 -2.15 35.60	49.06 -2.56 46.80	48.61 -2.21 37.40	56.29 -2.02 4.81	54.68 -1.71 0.67	44.17 -1.36 2.90	41.17 -0.93 0.01	28.84 -1.02 7.74
NEG NORTH___PLATTSBURG 23628	35.30 -1.28 0.00	31.00 -1.03 0.00	30.52 -0.91 0.00	29.44 -0.79 0.00	29.41 -0.75 0.01	31.41 -0.68 0.00	32.59 -0.46 0.00	35.61 -0.47 0.00	37.91 -0.62 0.02	39.47 -0.89 0.00	41.17 -0.87 1.33	42.59 -1.06 6.66	46.59 -1.24 6.11	48.83 -1.82 6.10	35.21 -2.16 26.11	41.73 -2.12 31.72	41.99 -2.15 35.60	49.06 -2.56 46.80	48.62 -2.20 37.40	56.29 -2.02 4.81	54.74 -1.66 0.67	44.17 -1.36 2.90	41.17 -0.93 0.01	28.88 -0.98 7.74
NEG WEST_LEA_LOCKPORT 23791	34.64 -1.94 0.00	30.04 -1.99 0.00	29.33 -2.14 -0.03	28.18 -2.06 -0.01	28.09 -2.11 -0.03	29.89 -2.21 -0.02	30.74 -2.31 0.00	33.14 -2.99 -0.05	35.28 -3.24 0.03	36.71 -3.71 -0.07	39.77 -3.60 0.00	45.64 -4.43 0.24	48.78 -4.53 0.64	51.80 -4.14 0.81	56.40 -5.71 1.36	66.81 -7.25 1.50	69.87 -7.73 2.13	87.52 -9.25 1.64	79.85 -6.70 1.66	57.17 -4.10 1.85	52.69 -3.65 0.72	45.18 -3.24 0.00	40.13 -1.98 0.00	36.62 -0.98 0.00
NEG WEST___LANCASTR 23811	35.52 -1.06 0.00	30.84 -1.18 0.00	29.77 -1.70 -0.03	28.91 -1.33 -0.01	28.64 -1.57 -0.03	30.70 -1.41 -0.02	31.66 -1.39 0.00	33.33 -2.81 -0.06	36.67 -1.85 0.03	36.97 -3.47 -0.08	41.25 -2.13 0.00	46.02 -4.07 0.21	49.23 -4.15 0.56	52.46 -3.58 0.71	57.45 -4.82 1.20	68.11 -6.20 1.26	71.40 -6.46 1.88	89.28 -7.68 1.45	81.28 -5.47 1.47	58.02 -3.47 1.64	53.12 -3.31 0.64	46.83 -1.60 0.00	41.43 -0.67 0.00	37.26 -0.34 0.00
NEG_PENN_ALLEGHNY 23528	37.74 0.66 -0.50	32.84 0.48 -0.34	32.15 0.31 -0.40	30.86 0.36 -0.27	30.75 0.27 -0.31	32.95 0.39 -0.48	33.98 0.46 -0.46	37.16 0.40 -0.68	39.68 0.46 -0.66	41.66 0.40 -0.90	44.59 0.43 -0.78	51.68 0.35 -1.02	55.32 0.43 -0.94	58.38 0.68 -0.95	65.06 0.57 -1.02	78.10 0.53 -2.01	82.03 0.80 -1.50	102.02 1.08 -2.52	91.63 1.41 -2.01	64.88 1.20 -0.56	58.85 0.97 -0.82	50.19 0.97 -0.79	43.64 1.01 -0.52	38.85 0.83 -0.43
NEG___GEN_MONROE 24207	36.25 -0.33 0.00	31.54 -0.48 0.00	30.86 -0.60 -0.02	29.57 -0.67 -0.01	29.44 -0.75 -0.02	31.36 -0.74 -0.01	32.26 -0.79 0.00	35.15 -0.97 -0.04	37.24 -1.27 0.04	39.09 -1.33 -0.07	42.03 -1.34 0.00	48.54 -1.51 0.26	51.74 -1.51 0.69	54.63 -1.25 0.87	59.78 -2.22 1.48	70.94 -2.95 1.68	74.16 -3.27 2.31	92.79 -3.84 1.79	84.39 -2.03 1.80	59.92 -1.20 2.01	55.60 -0.68 0.78	47.46 -0.97 0.00	41.73 -0.38 0.00	37.52 -0.08 0.00
NEPA___ENERGY 23901	35.85 -0.73 0.00	31.10 -0.93 0.00	30.27 -1.19 -0.03	29.18 -1.06 -0.01	29.00 -1.21 -0.03	30.95 -1.16 -0.02	31.96 -1.09 0.00	34.41 -1.73 -0.06	37.09 -1.43 0.03	38.18 -2.26 -0.09	41.77 -1.60 0.00	47.69 -2.41 0.21	50.96 -2.43 0.56	54.34 -1.70 0.71	59.49 -2.79 1.19	70.61 -3.70 1.25	74.12 -3.75 1.87	92.64 -4.33 1.45	84.29 -2.47 1.46	60.24 -1.26 1.63	55.18 -1.26 0.63	47.60 -0.82 0.00	42.10 0.00 0.00	37.75 0.15 0.00

NEVERSINK___HYD 23608	39.51 2.93 0.00	34.55 2.53 0.00	33.88 2.26 -0.18	32.47 2.21 -0.04	32.49 2.14 -0.17	34.40 2.21 -0.10	35.53 2.48 0.00	39.19 2.78 -0.33	41.52 2.97 0.00	43.86 2.99 -0.52	46.63 3.25 0.00	54.13 3.82 0.00	58.26 4.32 0.00	61.18 4.43 0.00	68.74 5.27 0.00	83.45 6.57 -1.31	86.99 7.26 0.00	107.57 9.15 0.00	95.89 7.67 0.00	68.43 5.30 0.00	61.69 4.62 0.00	52.35 3.92 0.00	45.30 3.20 0.00	40.56 2.97 0.00
NEWKRMKL_115KV_TB1 55635	38.05 1.46 0.00	33.34 1.31 0.00	32.89 1.19 -0.26	31.44 1.15 -0.06	31.54 1.12 -0.25	33.45 1.22 -0.14	34.34 1.29 0.00	37.90 1.34 -0.49	40.09 1.54 0.00	42.73 1.61 -0.76	45.11 1.73 0.00	52.27 1.96 0.00	50.29 2.00 5.65	47.77 2.10 11.08	52.12 2.48 13.83	61.46 3.10 17.21	62.98 3.19 19.94	80.46 3.84 21.79	91.00 3.35 0.56	65.46 2.34 0.00	59.12 2.05 0.00	50.22 1.79 0.00	43.66 1.56 0.00	38.99 1.39 0.00
NEWTON___FALLS_HYD 23847	35.55 -1.50 -0.47	31.06 -1.28 -0.31	30.50 -1.26 -0.32	29.15 -1.21 -0.13	28.94 -1.21 0.03	31.29 -1.22 -0.42	32.30 -1.19 -0.44	35.30 -1.34 -0.55	37.64 -1.54 -0.64	39.41 -1.65 -0.71	41.50 -1.91 -0.04	45.62 -2.16 2.52	49.37 -2.37 2.20	52.17 -2.44 2.14	48.09 -2.73 12.66	57.29 -3.25 15.03	59.30 -3.35 17.08	71.98 -4.13 22.30	66.96 -3.53 17.73	59.41 -2.15 1.57	55.78 -1.88 -0.59	45.82 -1.79 0.81	40.82 -1.77 -0.49	32.20 -1.65 3.74
NGRID_A1_DSASP 323792	34.32 -2.27 0.00	29.72 -2.31 0.00	29.14 -2.33 -0.03	27.97 -2.27 -0.01	27.91 -2.29 -0.03	29.66 -2.44 -0.02	30.47 -2.58 0.00	32.78 -3.35 -0.05	34.97 -3.55 0.03	36.35 -4.07 -0.07	39.04 -4.34 0.00	44.94 -5.13 0.24	47.97 -5.34 0.63	51.01 -4.94 0.80	55.71 -6.41 1.36	65.69 -8.39 1.49	68.76 -8.85 2.12	86.05 -10.72 1.64	78.62 -7.94 1.66	56.17 -5.11 1.85	51.50 -4.85 0.72	44.36 -4.07 0.00	39.45 -2.65 0.00	35.53 -2.07 0.00
NGRID_A2_DSASP 323793	34.32 -2.27 0.00	29.72 -2.31 0.00	29.14 -2.33 -0.03	27.97 -2.27 -0.01	27.91 -2.29 -0.03	29.66 -2.44 -0.02	30.47 -2.58 0.00	32.78 -3.35 -0.05	34.97 -3.55 0.03	36.35 -4.07 -0.07	39.04 -4.34 0.00	44.94 -5.13 0.24	47.97 -5.34 0.63	51.01 -4.94 0.80	55.71 -6.41 1.36	65.69 -8.39 1.49	68.76 -8.85 2.12	86.05 -10.72 1.64	78.62 -7.94 1.66	56.17 -5.11 1.85	51.50 -4.85 0.72	44.36 -4.07 0.00	39.45 -2.65 0.00	35.53 -2.07 0.00
NGRID_A4_DSASP 323807	34.32 -2.27 0.00	29.72 -2.31 0.00	29.14 -2.33 -0.03	27.97 -2.27 -0.01	27.91 -2.29 -0.03	29.66 -2.44 -0.02	30.47 -2.58 0.00	32.78 -3.35 -0.05	34.97 -3.55 0.03	36.35 -4.07 -0.07	39.04 -4.34 0.00	44.94 -5.13 0.24	47.97 -5.34 0.63	51.01 -4.94 0.80	55.71 -6.41 1.36	65.69 -8.39 1.49	68.76 -8.85 2.12	86.05 -10.72 1.64	78.62 -7.94 1.66	56.17 -5.11 1.85	51.50 -4.85 0.72	44.36 -4.07 0.00	39.45 -2.65 0.00	35.53 -2.07 0.00
NIAGARA_115E_LBMP 323715	34.57 -2.01 0.00	29.91 -2.11 0.00	29.26 -2.20 -0.03	28.15 -2.09 -0.01	28.03 -2.17 -0.03	29.83 -2.28 -0.02	30.71 -2.35 0.00	33.07 -3.07 -0.05	35.28 -3.24 0.03	36.67 -3.75 -0.07	39.34 -4.03 0.00	45.24 -4.83 0.24	48.30 -5.02 0.63	51.36 -4.59 0.80	56.03 -6.09 1.35	66.23 -7.86 1.48	69.26 -8.37 2.11	86.74 -10.04 1.63	79.25 -7.32 1.64	56.62 -4.67 1.84	51.90 -4.45 0.72	44.74 -3.68 0.00	39.79 -2.32 0.00	35.87 -1.73 0.00
NIAGARA_115W_LBMP 323714	34.24 -2.34 0.00	29.62 -2.40 0.00	29.04 -2.42 -0.03	27.91 -2.33 -0.01	27.85 -2.35 -0.03	29.57 -2.54 -0.02	30.38 -2.68 0.00	32.67 -3.46 -0.05	34.85 -3.66 0.03	36.27 -4.16 -0.07	38.95 -4.42 0.00	44.79 -5.28 0.24	47.86 -5.45 0.64	50.89 -5.05 0.81	55.58 -6.54 1.36	65.53 -8.54 1.49	68.52 -9.09 2.13	85.75 -11.02 1.64	78.36 -8.20 1.66	55.97 -5.30 1.85	51.32 -5.02 0.72	44.21 -4.21 0.00	39.32 -2.78 0.00	35.41 -2.18 0.00
NIAGARA_230_LBMP 323716	34.72 -1.86 0.00	30.07 -1.95 0.00	29.45 -2.01 -0.03	28.33 -1.90 -0.01	28.24 -1.96 -0.03	30.02 -2.09 -0.02	30.90 -2.15 0.00	33.21 -2.92 -0.05	35.47 -3.05 0.03	36.87 -3.55 -0.07	39.60 -3.77 0.00	45.59 -4.48 0.24	48.66 -4.64 0.64	51.74 -4.20 0.82	56.51 -5.59 1.38	66.79 -7.25 1.52	69.93 -7.65 2.16	87.60 -9.15 1.67	79.92 -6.62 1.68	57.08 -4.17 1.88	52.23 -4.11 0.73	45.04 -3.39 0.00	40.00 -2.10 0.00	35.98 -1.62 0.00
NIAGARA___115KV_198_GIBSON 55903	34.06 -2.52 0.00	29.46 -2.56 0.00	28.89 -2.58 -0.03	27.76 -2.48 -0.01	27.67 -2.53 -0.03	29.41 -2.70 -0.02	30.18 -2.88 0.00	32.49 -3.64 -0.05	34.51 -4.01 0.03	35.98 -4.44 -0.07	38.95 -4.42 0.00	44.79 -5.28 0.24	47.86 -5.45 0.64	50.84 -5.11 0.81	55.39 -6.73 1.36	65.53 -8.54 1.49	68.52 -9.09 2.13	85.75 -11.02 1.64	78.35 -8.20 1.66	56.04 -5.24 1.85	51.67 -4.68 0.72	44.21 -4.21 0.00	39.33 -2.78 0.00	35.57 -2.03 0.00
NIAGARA___ 23760	34.72 -1.86 0.00	30.07 -1.95 0.00	29.45 -2.01 -0.03	28.33 -1.90 -0.01	28.24 -1.96 -0.03	30.02 -2.09 -0.02	30.90 -2.15 0.00	33.21 -2.92 -0.05	35.47 -3.05 0.03	36.87 -3.55 -0.07	39.60 -3.77 0.00	45.59 -4.48 0.24	48.67 -4.64 0.64	51.74 -4.20 0.81	56.52 -5.59 1.37	66.81 -7.25 1.50	69.94 -7.65 2.14	87.61 -9.15 1.65	79.93 -6.62 1.67	57.10 -4.17 1.86	52.23 -4.11 0.73	45.04 -3.39 0.00	40.00 -2.10 0.00	35.98 -1.62 0.00
NINE_MILE_1 23575	27.91 -1.02 7.65	25.94 -0.93 5.16	25.29 -0.91 5.23	25.35 -0.94 3.94	25.43 -0.94 3.81	24.28 -0.96 6.85	24.91 -0.99 7.15	26.15 -1.12 8.81	26.61 -1.16 10.78	27.86 -1.25 11.24	29.81 -1.39 12.18	29.94 -1.56 18.80	29.84 -1.67 22.43	30.50 -1.70 24.55	29.14 -1.97 32.36	28.34 -2.42 44.80	28.02 -2.63 49.08	36.54 -3.25 58.63	34.61 -2.64 50.96	30.37 -1.83 30.93	34.18 -1.60 21.29	34.85 -1.41 12.17	32.90 -1.13 8.07	29.92 -1.05 6.62
NINE_MILE_2 23744	27.79 -1.02 7.77	25.86 -0.93 5.23	25.21 -0.91 5.31	25.29 -0.94 4.00	25.37 -0.94 3.87	24.17 -0.96 6.95	24.81 -0.99 7.26	26.02 -1.12 8.94	26.45 -1.16 10.94	27.69 -1.25 11.41	29.62 -1.39 12.36	29.66 -1.56 19.08	29.51 -1.67 22.76	30.15 -1.70 24.90	28.68 -1.97 32.83	27.69 -2.42 45.45	27.32 -2.63 49.79	35.77 -3.15 59.49	33.87 -2.64 51.70	29.93 -1.83 31.37	33.87 -1.60 21.60	34.67 -1.41 12.35	32.78 -1.13 8.19	29.82 -1.05 6.72
NM_CAPITAL___DRP 24208	38.08 1.50 0.00	33.37 1.34 0.00	32.92 1.23 -0.26	31.47 1.18 -0.06	31.60 1.18 -0.25	33.51 1.28 -0.14	34.37 1.32 0.00	37.94 1.37 -0.49	40.13 1.58 0.00	42.77 1.65 -0.76	45.19 1.82 0.00	52.32 2.01 0.00	57.24 2.10 -1.20	61.31 2.21 -2.35	68.94 2.54 -2.93	84.79 3.25 -5.97	87.31 3.35 -4.23	107.07 4.03 -4.62	91.95 3.62 -0.12	65.65 2.53 0.00	59.24 2.17 0.00	50.32 1.89 0.00	43.70 1.60 0.00	39.02 1.43 0.00
NM_CENTRAL___DRP 24181	37.09 -0.18 -0.69	32.30 -0.19 -0.47	31.71 -0.22 -0.49	30.31 -0.27 -0.36	30.22 -0.30 -0.35	32.49 -0.22 -0.63	33.47 -0.23 -0.65	36.62 -0.29 -0.83	39.22 -0.27 -0.94	41.18 -0.24 -1.07	44.18 -0.30 -1.11	51.43 -0.30 -1.43	54.90 -0.32 -1.28	57.79 -0.23 -1.27	64.41 -0.38 -1.32	77.20 -0.53 -2.16	81.02 -0.64 -1.93	100.98 -0.79 -3.36	90.42 -0.44 -2.64	63.48 -0.25 -0.60	57.97 -0.17 -1.07	49.34 -0.19 -1.10	42.79 -0.04 -0.73	38.04 -0.15 -0.60

NM_FRONTIER___DRP 24179	34.06 -2.52 0.00	29.46 -2.56 0.00	28.89 -2.58 -0.03	27.76 -2.48 -0.01	27.67 -2.53 -0.03	29.41 -2.70 -0.02	30.18 -2.88 0.00	32.49 -3.64 -0.05	34.51 -4.01 0.03	35.98 -4.44 -0.07	38.95 -4.42 0.00	44.79 -5.28 0.24	47.86 -5.45 0.64	50.84 -5.11 0.81	55.39 -6.73 1.36	65.53 -8.54 1.49	68.52 -9.09 2.13	85.75 -11.02 1.64	78.35 -8.20 1.66	56.04 -5.24 1.85	51.67 -4.68 0.72	44.21 -4.21 0.00	39.33 -2.78 0.00	35.57 -2.03 0.00
NM_ST_REGIS___HYD 24053	34.56 -2.23 -0.21	30.28 -1.89 -0.14	29.82 -1.76 -0.14	28.54 -1.66 0.03	28.34 -1.60 0.23	30.58 -1.70 -0.19	31.53 -1.72 -0.20	34.50 -1.84 -0.25	36.67 -2.16 -0.28	38.38 -2.30 -0.32	40.05 -2.56 0.76	42.31 -2.92 5.08	46.21 -3.13 4.61	48.83 -3.35 4.57	38.53 -3.74 21.20	45.57 -4.38 25.61	46.36 -4.54 28.83	54.85 -5.71 37.86	52.71 -5.29 30.21	55.83 -3.72 3.57	53.63 -3.31 0.13	43.38 -2.95 2.09	39.58 -2.74 -0.22	28.83 -2.48 6.29
NORTHPORT___1 23551	43.38 3.66 -3.14	42.77 3.30 -7.45	42.06 3.11 -7.51	41.40 3.11 -8.06	41.34 3.05 -8.12	41.64 3.24 -6.31	41.85 3.70 -5.10	42.31 4.15 -2.08	42.79 4.13 -0.11	44.08 3.55 -0.18	47.52 4.29 0.15	55.84 5.03 -0.50	66.99 5.50 -7.54	77.14 5.73 -14.66	90.24 6.66 -20.10	112.89 8.24 -29.09	121.41 8.93 -32.74	137.95 11.02 -28.52	111.00 9.26 -13.52	73.75 6.00 -4.62	63.57 5.02 -1.48	48.14 4.36 4.65	38.37 3.71 7.44	38.18 3.38 2.80
NORTHPORT___2 23552	43.38 3.66 -3.14	42.77 3.30 -7.45	42.06 3.11 -7.51	41.40 3.11 -8.06	41.34 3.05 -8.12	41.64 3.24 -6.31	41.85 3.70 -5.10	42.31 4.15 -2.08	42.79 4.13 -0.11	44.08 3.55 -0.18	38.41 4.29 9.26	38.34 5.03 17.00	38.30 5.50 21.15	38.35 5.73 24.13	38.36 6.66 31.77	38.00 8.24 45.80	38.00 8.93 50.66	38.00 11.02 71.43	38.00 9.26 59.48	38.41 6.00 30.72	38.41 5.02 23.68	38.34 4.36 14.45	38.37 3.71 7.44	38.18 3.38 2.80
NORTHPORT___3 23553	43.04 3.33 -3.13	42.38 2.91 -7.44	41.55 2.61 -7.50	40.85 2.57 -8.06	40.80 2.50 -8.12	41.00 2.60 -6.31	41.12 2.98 -5.09	41.65 3.50 -2.07	42.32 3.66 -0.11	43.95 3.43 -0.17	38.18 4.08 9.27	38.23 4.93 17.01	38.23 5.45 21.16	38.23 5.62 24.14	38.23 6.54 31.78	38.77 8.24 45.03	39.28 8.85 49.30	39.26 10.92 70.07	38.60 9.09 58.70	38.21 5.80 30.73	38.23 4.85 23.69	38.23 4.26 14.46	38.23 3.58 7.45	38.06 3.27 2.81
NORTHPORT___4 23650	43.04 3.33 -3.13	42.38 2.91 -7.44	41.55 2.61 -7.50	40.85 2.57 -8.06	40.80 2.50 -8.12	41.00 2.60 -6.31	41.12 2.98 -5.09	41.65 3.50 -2.07	42.32 3.66 -0.11	43.95 3.43 -0.17	38.18 4.08 9.27	38.23 4.93 17.01	38.23 5.45 21.16	38.23 5.62 24.14	38.23 6.54 31.78	38.77 8.24 45.03	39.28 8.85 49.30	39.26 10.92 70.07	38.60 9.09 58.70	38.21 5.80 30.73	38.23 4.85 23.69	38.23 4.26 14.46	38.23 3.58 7.45	38.06 3.27 2.81
NORTHPORT___IC 23718	43.34 3.62 -3.13	42.73 3.27 -7.44	42.05 3.11 -7.50	41.36 3.08 -8.05	41.34 3.05 -8.11	41.60 3.21 -6.30	41.88 3.73 -5.09	42.26 4.11 -2.07	42.93 4.28 -0.11	44.12 3.59 -0.18	38.41 4.29 9.26	38.33 5.03 17.01	38.29 5.50 21.16	38.34 5.73 24.14	38.42 6.73 31.78	37.99 8.24 45.81	37.99 8.93 50.67	37.99 11.02 71.44	38.01 9.26 59.46	38.41 6.00 30.72	38.41 5.02 23.68	38.33 4.36 14.45	38.37 3.71 7.44	38.14 3.35 2.80
NORTH___COUNTRY_ESR 323785	35.01 -1.57 0.00	30.74 -1.28 0.00	30.27 -1.16 0.00	29.15 -1.06 0.02	29.14 -1.00 0.04	31.03 -1.06 0.00	32.13 -0.93 0.00	35.07 -1.01 0.00	37.37 -1.16 0.02	39.02 -1.33 0.00	40.67 -1.39 1.32	42.07 -1.66 6.58	46.02 -1.89 6.03	48.51 -2.21 6.02	35.15 -2.54 25.78	41.45 -2.79 31.32	41.72 -2.87 35.15	48.67 -3.54 46.21	48.12 -3.17 36.92	55.85 -2.53 4.75	54.23 -2.17 0.67	43.67 -1.89 2.87	40.54 -1.56 0.01	28.49 -1.47 7.64
NPX_GEN_1385_PROXY 323591	43.27 3.55 -3.14	42.67 2.75 -7.89	40.96 2.45 -7.07	40.73 2.45 -8.06	40.68 2.38 -8.12	41.13 2.73 -6.31	41.75 3.60 -5.10	42.20 4.04 -2.08	42.67 4.01 -0.11	44.24 3.71 -0.18	47.12 5.55 1.81	53.70 6.08 2.69	62.64 6.63 -2.06	71.91 7.32 -7.84	84.84 8.51 -12.86	100.90 9.90 -15.44	107.80 10.52 -17.54	121.90 13.19 -10.30	105.70 11.90 -5.58	89.10 7.83 -18.14	69.99 6.67 -6.25	49.49 5.42 4.36	37.84 4.34 8.60	37.56 3.69 3.72
NPX_GEN_CSC 323557	44.05 4.31 -3.15	43.73 3.81 -7.90	41.99 3.49 -7.07	41.61 3.33 -8.06	41.56 3.26 -8.12	41.87 3.47 -6.31	42.05 3.90 -5.10	42.67 4.51 -2.08	43.33 4.66 -0.11	45.26 4.32 -0.59	53.18 5.46 -4.34	131.98 6.29 -75.39	131.95 6.85 -71.15	146.70 7.21 -82.74	147.00 8.31 -75.21	275.84 10.20 -190.07	279.37 10.92 -188.71	270.65 13.59 -158.65	278.97 11.55 -179.20	268.68 7.70 -197.85	141.48 6.50 -77.91	140.69 5.66 -86.60	48.97 4.71 -2.16	40.86 4.17 0.91
NSINS_S_GLNS_FALLS 23858	39.66 3.07 0.00	34.65 2.63 0.00	34.09 2.39 -0.26	32.53 2.24 -0.06	32.60 2.17 -0.26	34.70 2.47 -0.14	35.66 2.61 0.00	39.25 2.67 -0.50	41.63 3.08 0.00	44.25 3.11 -0.78	46.41 3.04 0.00	54.08 3.77 0.00	63.91 3.83 -6.13	72.64 3.86 -12.03	82.61 4.13 -15.02	103.45 5.14 -22.75	106.82 5.42 -21.66	129.16 7.09 -23.66	96.24 7.41 -0.61	68.43 5.30 0.00	61.98 4.91 0.00	52.64 4.21 0.00	45.56 3.45 0.00	40.42 2.82 0.00
NUCOR_STEEL___DRP 24197	38.07 0.33 -1.16	33.03 0.22 -0.78	32.41 0.16 -0.81	30.92 0.09 -0.60	30.80 0.03 -0.59	33.30 0.16 -1.05	34.30 0.17 -1.08	37.61 0.14 -1.38	40.30 0.15 -1.60	42.29 0.16 -1.78	45.36 0.13 -1.85	52.99 0.10 -2.58	56.77 0.16 -2.66	59.81 0.28 -2.78	66.91 0.13 -3.31	80.61 0.08 -4.97	84.68 0.00 -4.95	105.44 0.10 -6.93	94.67 0.71 -5.75	66.19 0.57 -2.49	60.12 0.68 -2.37	50.75 0.48 -1.84	43.95 0.63 -1.22	39.01 0.41 -1.00
NUMBER_THREE_WT_PWR 323818	37.29 0.15 -0.55	32.49 0.10 -0.37	31.88 0.06 -0.39	30.47 0.00 -0.24	30.34 0.00 -0.17	32.69 0.10 -0.50	33.77 0.20 -0.52	36.88 0.14 -0.65	39.43 0.12 -0.76	41.19 0.00 -0.84	43.85 -0.13 -0.61	50.01 -0.15 0.14	53.74 -0.21 -0.01	56.65 -0.17 -0.07	59.59 -0.06 3.82	71.19 -0.15 4.22	74.65 -0.08 5.01	92.04 0.00 6.37	83.67 0.44 4.99	64.15 0.82 -0.20	58.86 0.80 -1.00	49.24 0.53 -0.28	42.94 0.25 -0.58	36.59 0.11 1.12
NYISO_LBMP_REFERENCE 24008	36.58 0.00 0.00	32.02 0.00 0.00	31.44 0.00 0.00	30.23 0.00 0.00	30.17 0.00 0.00	32.09 0.00 0.00	33.05 0.00 0.00	36.08 0.00 0.00	38.55 0.00 0.00	40.35 0.00 0.00	43.37 0.00 0.00	50.31 0.00 0.00	53.94 0.00 0.00	56.75 0.00 0.00	63.47 0.00 0.00	75.57 0.00 0.00	79.74 0.00 0.00	98.41 0.00 0.00	88.22 0.00 0.00	63.13 0.00 0.00	57.07 0.00 0.00	48.43 0.00 0.00	42.10 0.00 0.00	37.60 0.00 0.00
NYPA_BRENTWD____GT 24164	44.22 4.50 -3.14	43.45 3.97 -7.45	42.62 3.68 -7.51	41.88 3.60 -8.06	41.80 3.50 -8.12	42.12 3.72 -6.31	42.35 4.20 -5.10	42.92 4.76 -2.08	43.56 4.90 -0.11	45.42 4.48 -0.59	49.53 5.25 -0.92	76.97 5.88 -20.78	81.13 6.47 -20.72	91.83 6.75 -28.33	102.99 7.80 -31.71	147.91 9.67 -62.66	170.36 10.36 -80.26	171.12 12.89 -59.82	147.08 10.94 -47.93	111.96 7.13 -41.70	79.53 6.05 -16.42	71.52 5.28 -17.82	47.48 4.67 -0.70	41.95 4.32 -0.03

NYPA_GOWANUS____GT5 24156	43.81	35.66	34.79	33.34	33.34	35.35	36.61	43.46	42.90	45.46	48.23	55.79	64.10	92.12	78.75	129.32	94.65	116.04	97.86	77.16	80.59	94.70	46.56	41.92
	4.10	3.52	3.14	3.05	2.96	3.15	3.54	4.18	4.35	4.52	4.86	5.48	5.99	6.08	6.92	8.69	9.40	11.61	9.44	6.31	5.31	4.99	4.46	4.21
	-3.13	-0.11	-0.22	-0.06	-0.21	-0.12	-0.02	-3.19	0.00	-0.59	0.00	0.00	-4.17	-29.29	-8.36	-45.07	-5.51	-6.02	-0.21	-7.72	-18.22	-41.28	0.00	-0.11
NYPA_GOWANUS____GT6 24157	43.81	35.66	34.79	33.34	33.34	35.35	36.61	43.46	42.90	45.46	48.23	55.79	64.10	92.12	78.75	129.32	94.65	116.04	97.86	77.16	80.59	94.70	46.56	41.92
	4.10	3.52	3.14	3.05	2.96	3.15	3.54	4.18	4.35	4.52	4.86	5.48	5.99	6.08	6.92	8.69	9.40	11.61	9.44	6.31	5.31	4.99	4.46	4.21
	-3.13	-0.11	-0.22	-0.06	-0.21	-0.12	-0.02	-3.19	0.00	-0.59	0.00	0.00	-4.17	-29.29	-8.36	-45.07	-5.51	-6.02	-0.21	-7.72	-18.22	-41.28	0.00	-0.11
NYPA_HARLEM__RVR__GT1 24160	40.43	35.49	34.76	33.30	33.30	35.12	36.33	40.31	42.55	45.09	47.74	55.18	60.87	65.28	73.47	90.15	93.73	114.91	96.99	69.05	61.63	52.83	46.23	41.63
	3.84	3.46	3.11	3.02	2.93	2.92	3.27	3.86	4.01	4.16	4.38	4.88	5.39	5.50	6.22	7.86	8.54	10.54	8.65	5.93	4.57	4.41	4.13	4.02
	-0.01	-0.01	-0.21	-0.05	-0.20	-0.11	0.00	-0.37	0.01	-0.58	0.01	0.01	-1.54	-3.02	-3.77	-6.72	-5.45	-5.96	-0.13	0.01	0.01	0.00	0.00	-0.01
NYPA_HARLEM__RVR__GT2 24161	40.43	35.49	34.76	33.30	33.30	35.12	36.33	40.31	42.55	45.09	47.74	55.18	60.87	65.28	73.47	90.15	93.73	114.91	96.99	69.05	61.63	52.83	46.23	41.63
	3.84	3.46	3.11	3.02	2.93	2.92	3.27	3.86	4.01	4.16	4.38	4.88	5.39	5.50	6.22	7.86	8.54	10.54	8.65	5.93	4.57	4.41	4.13	4.02
	-0.01	-0.01	-0.21	-0.05	-0.20	-0.11	0.00	-0.37	0.01	-0.58	0.01	0.01	-1.54	-3.02	-3.77	-6.72	-5.45	-5.96	-0.13	0.01	0.01	0.00	0.00	-0.01
NYPA_KENT____GT 24152	42.37	35.55	34.73	33.28	33.27	35.25	36.53	42.38	42.83	45.38	48.14	55.64	61.35	65.67	73.96	112.70	94.39	115.72	97.56	72.18	70.99	56.98	46.40	41.76
	3.99	3.46	3.08	2.99	2.90	3.05	3.47	4.11	4.28	4.44	4.77	5.33	5.83	5.85	6.66	8.46	9.17	11.31	9.17	6.06	5.14	4.84	4.30	4.10
	-1.80	-0.07	-0.21	-0.06	-0.20	-0.11	-0.01	-2.18	0.00	-0.59	0.00	0.00	-1.58	-3.07	-3.82	-28.67	-5.49	-5.99	-0.17	-2.99	-8.78	-3.71	0.00	-0.07
NYPA_POUCH1____GT 24155	43.67	35.56	34.70	33.25	33.28	35.32	36.51	43.31	42.79	45.30	48.06	55.59	63.94	91.89	78.69	129.09	94.41	115.84	97.68	76.97	80.48	95.51	46.44	41.81
	3.95	3.43	3.05	2.96	2.90	3.11	3.44	4.04	4.24	4.36	4.69	5.28	5.83	5.85	6.72	8.46	9.17	11.41	9.26	6.12	5.19	4.89	4.34	4.10
	-3.13	-0.11	-0.22	-0.06	-0.21	-0.12	-0.02	-3.19	0.00	-0.59	0.00	0.00	-4.17	-29.29	-8.49	-45.07	-5.51	-6.02	-0.21	-7.72	-18.22	-42.19	0.00	-0.11
NYPA_VERNON____GT2 24162	40.96	35.48	34.66	33.21	33.20	35.18	36.46	41.30	42.83	45.38	48.06	55.54	61.15	65.51	73.80	96.16	94.13	115.40	97.36	67.33	61.38	53.13	46.31	41.60
	3.92	3.43	3.02	2.93	2.84	2.98	3.41	4.04	4.28	4.44	4.69	5.23	5.66	5.73	6.54	8.31	8.93	11.02	9.00	5.93	4.96	4.70	4.21	3.98
	-0.46	-0.02	-0.20	-0.05	-0.19	-0.11	0.00	-1.18	0.00	-0.59	0.00	0.00	-1.55	-3.04	-3.79	-12.28	-5.46	-5.97	-0.14	1.73	0.65	-0.01	0.00	-0.02
NYPA_VERNON____GT3 24163	40.96	35.48	34.66	33.21	33.20	35.18	36.46	41.30	42.83	45.38	48.06	55.54	61.15	65.51	73.80	96.16	94.13	115.40	97.36	67.33	61.38	53.13	46.31	41.60
	3.92	3.43	3.02	2.93	2.84	2.98	3.41	4.04	4.28	4.44	4.69	5.23	5.66	5.73	6.54	8.31	8.93	11.02	9.00	5.93	4.96	4.70	4.21	3.98
	-0.46	-0.02	-0.20	-0.05	-0.19	-0.11	0.00	-1.18	0.00	-0.59	0.00	0.00	-1.55	-3.04	-3.79	-12.28	-5.46	-5.97	-0.14	1.73	0.65	-0.01	0.00	-0.02
NYPA____ASTORIA_CC1 323568	40.47	35.42	34.62	33.18	33.17	35.12	36.39	40.86	42.75	45.30	47.97	55.39	61.04	65.34	73.59	90.38	93.96	115.20	97.08	64.82	57.18	52.98	46.23	41.55
	3.88	3.39	2.99	2.90	2.81	2.92	3.34	4.00	4.20	4.36	4.60	5.08	5.56	5.56	6.35	8.09	8.77	10.83	8.74	5.74	4.79	4.55	4.13	3.95
	-0.01	-0.01	-0.20	-0.05	-0.19	-0.11	0.00	-0.77	0.00	-0.59	0.00	0.00	-1.54	-3.02	-3.77	-6.72	-5.45	-5.96	-0.13	4.05	4.68	0.00	0.00	-0.01
NYPA____ASTORIA_CC2 323569	40.47	35.42	34.62	33.18	33.17	35.12	36.39	40.86	42.75	45.30	47.97	55.39	61.04	65.34	73.59	90.38	93.96	115.20	97.08	64.82	57.18	52.98	46.23	41.55
	3.88	3.39	2.99	2.90	2.81	2.92	3.34	4.00	4.20	4.36	4.60	5.08	5.56	5.56	6.35	8.09	8.77	10.83	8.74	5.74	4.79	4.55	4.13	3.95
	-0.01	-0.01	-0.20	-0.05	-0.19	-0.11	0.00	-0.77	0.00	-0.59	0.00	0.00	-1.54	-3.02	-3.77	-6.72	-5.45	-5.96	-0.13	4.05	4.68	0.00	0.00	-0.01
NYPA____HOLTSVILL 23794	43.97	43.26	42.44	41.67	41.59	41.90	42.11	42.67	43.25	45.18	52.75	130.44	130.71	144.76	145.50	272.25	276.11	267.45	275.18	264.56	139.62	136.72	49.87	41.62
	4.24	3.78	3.49	3.38	3.29	3.50	3.96	4.51	4.59	4.24	5.12	5.98	6.52	6.75	7.80	9.60	10.29	12.79	10.85	7.13	6.05	5.28	4.51	4.02
	-3.15	-7.46	-7.51	-8.06	-8.12	-6.31	-5.10	-2.08	-0.11	-0.59	-4.26	-74.15	-70.25	-81.26	-74.22	-187.08	-186.08	-156.25	-176.12	-194.30	-76.51	-83.01	-3.25	0.00
NYPA____HELLGATE_GT1 24158	40.43	35.49	34.76	33.30	33.30	35.12	36.33	40.31	42.55	45.09	47.74	55.18	60.87	65.28	73.47	90.15	93.73	114.91	96.99	69.05	61.63	52.83	46.23	41.59
	3.84	3.46	3.11	3.02	2.93	2.92	3.27	3.86	4.01	4.16	4.38	4.88	5.39	5.50	6.22	7.86	8.54	10.54	8.65	5.93	4.57	4.41	4.13	3.98
	-0.01	-0.01	-0.21	-0.05	-0.20	-0.11	0.00	-0.37	0.01	-0.58	0.01	0.01	-1.54	-3.02	-3.77	-6.72	-5.45	-5.96	-0.13	0.01	0.01	0.00	0.00	-0.01
NYPA____HELLGATE_GT2 24159	40.43	35.49	34.76	33.30	33.30	35.12	36.33	40.31	42.55	45.09	47.74	55.18	60.87	65.28	73.47	90.15	93.73	114.91	96.99	69.05	61.63	52.83	46.23	41.59
	3.84	3.46	3.11	3.02	2.93	2.92	3.27	3.86	4.01	4.16	4.38	4.88	5.39	5.50	6.22	7.86	8.54	10.54	8.65	5.93	4.57	4.41	4.13	3.98
	-0.01	-0.01	-0.21	-0.05	-0.20	-0.11	0.00	-0.37	0.01	-0.58	0.01	0.01	-1.54	-3.02	-3.77	-6.72	-5.45	-5.96	-0.13	0.01	0.01	0.00	0.00	-0.01
NYS_BARGE____HYD 23848	35.05	30.33	29.64	28.51	28.39	30.24	31.13	33.61	35.89	37.19	39.95	45.84	48.99	52.08	56.84	67.11	70.19	87.90	80.29	57.36	52.57	45.38	40.29	36.39
	-1.54	-1.70	-1.82	-1.72	-1.81	-1.86	-1.92	-2.53	-2.62	-3.23	-3.43	-4.23	-4.32	-3.86	-5.27	-6.95	-7.41	-8.86	-6.26	-3.91	-3.77	-3.05	-1.81	-1.20
	0.00	0.00	-0.03	-0.01	-0.03	-0.01	0.00	-0.05	0.03	-0.07	0.00	0.24	0.64	0.81	1.37	1.51	2.14	1.65	1.67	1.86	0.73	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	36.07	31.32	30.83	29.45	29.44	31.33	32.23	35.04	37.43	39.09	41.98	48.59	51.80	54.68	59.96	71.16	74.47	93.08	84.29	59.85	55.25	47.32	41.56	37.15
	-0.51	-0.70	-0.63	-0.79	-0.75	-0.77	-0.83	-1.08	-1.08	-1.33	-1.39	-1.46	-1.45	-1.19	-2.03	-2.72	-2.95	-3.54	-2.12	-1.26	-1.03	-1.11	-0.55	-0.45
	0.00	0.00	-0.02	-0.01	-0.02	-0.01	0.00	-0.04	0.04	-0.07	0.00	0.26	0.69	0.88	1.48	1.69	2.32	1.79	1.81	2.02	0.79	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	37.54 0.48 -0.48	32.67 0.32 -0.33	32.08 0.25 -0.39	30.73 0.24 -0.26	30.65 0.18 -0.30	32.84 0.29 -0.46	33.80 0.30 -0.45	36.82 0.07 -0.66	39.42 0.23 -0.64	41.23 0.00 -0.87	44.34 0.22 -0.75	51.39 0.10 -0.98	55.00 0.16 -0.90	58.05 0.40 -0.90	64.68 0.25 -0.95	77.56 0.08 -1.92	81.53 0.40 -1.40	101.52 0.69 -2.41	91.11 0.97 -1.92	64.52 0.88 -0.50	58.65 0.80 -0.78	49.92 0.73 -0.77	43.41 0.80 -0.51	38.69 0.68 -0.42
OCC_CHEM___DRP 24175	34.13 -2.45 0.00	29.56 -2.47 0.00	28.95 -2.51 -0.03	27.82 -2.42 -0.01	27.76 -2.44 -0.03	29.47 -2.63 -0.02	30.28 -2.78 0.00	32.60 -3.54 -0.05	34.62 -3.89 0.03	36.10 -4.32 -0.07	39.04 -4.34 0.00	44.94 -5.13 0.24	47.97 -5.34 0.63	51.01 -4.94 0.80	55.58 -6.54 1.36	65.69 -8.39 1.49	68.76 -8.85 2.12	86.04 -10.73 1.64	78.62 -7.94 1.66	56.17 -5.11 1.85	51.84 -4.51 0.72	44.36 -4.07 0.00	39.45 -2.65 0.00	35.68 -1.92 0.00
OH_GEN_PROXY 24063	34.76 -1.83 0.00	30.54 -1.92 -0.44	29.04 -1.98 0.41	28.36 -1.87 -0.01	28.27 -1.93 -0.03	30.05 -2.05 -0.02	30.94 -2.12 0.00	33.32 -2.81 -0.05	35.58 -2.93 0.03	36.99 -3.43 -0.07	39.73 -3.64 0.00	45.74 -4.33 0.24	48.58 -4.48 0.89	52.10 -4.09 0.57	56.70 -5.40 1.38	67.10 -6.95 1.52	70.25 -7.33 2.15	87.99 -8.76 1.66	80.28 -6.26 1.68	57.34 -3.91 1.87	52.46 -3.88 0.73	47.26 -3.24 -2.07	38.93 -2.02 1.16	35.14 -1.54 0.92
OLIN_CORP_DRP 24177	34.43 -2.16 0.00	29.85 -2.18 0.00	29.14 -2.33 -0.03	28.03 -2.21 -0.01	27.94 -2.26 -0.03	29.70 -2.41 -0.02	30.54 -2.51 0.00	32.85 -3.28 -0.05	34.97 -3.55 0.03	36.39 -4.04 -0.07	39.43 -3.95 0.00	45.30 -4.78 0.23	48.41 -4.91 0.63	51.47 -4.48 0.79	55.97 -6.16 1.34	66.39 -7.71 1.47	69.42 -8.21 2.10	87.05 -9.74 1.62	79.43 -7.15 1.64	56.82 -4.48 1.83	52.36 -3.99 0.71	44.84 -3.58 0.00	39.83 -2.27 0.00	36.09 -1.50 0.00
OLIN_CORP_DSASP 323712	34.32 -2.27 0.00	29.72 -2.31 0.00	29.14 -2.33 -0.03	27.97 -2.27 -0.01	27.91 -2.29 -0.03	29.66 -2.44 -0.02	30.47 -2.58 0.00	32.78 -3.35 -0.05	34.97 -3.55 0.03	36.35 -4.07 -0.07	39.04 -4.34 0.00	44.94 -5.13 0.24	47.97 -5.34 0.63	51.01 -4.94 0.80	55.71 -6.41 1.36	65.69 -8.39 1.49	68.76 -8.85 2.12	86.05 -10.72 1.64	78.62 -7.94 1.66	56.17 -5.11 1.85	51.50 -4.85 0.72	44.36 -4.07 0.00	39.45 -2.65 0.00	35.53 -2.07 0.00
ONEIDA_HERK_LFGE 323681	37.76 0.88 -0.30	32.96 0.74 -0.20	32.33 0.69 -0.21	30.96 0.60 -0.13	30.88 0.60 -0.10	33.10 0.74 -0.27	34.16 0.83 -0.28	37.30 0.86 -0.35	39.88 0.92 -0.41	41.73 0.93 -0.45	44.71 0.95 -0.39	51.65 1.11 -0.24	55.37 1.13 -0.29	58.38 1.31 -0.33	64.15 1.46 0.79	76.51 1.66 0.72	80.52 1.75 0.97	99.52 2.27 1.16	89.73 2.38 0.87	65.48 2.02 -0.34	59.46 1.83 -0.56	50.17 1.45 -0.29	43.55 1.14 -0.31	38.31 0.94 0.23
ONEIDA___115KV_TB4 55905	38.39 1.43 -0.38	33.47 1.18 -0.26	32.81 1.10 -0.27	31.39 0.97 -0.19	31.32 0.97 -0.18	33.56 1.12 -0.35	34.63 1.22 -0.36	37.81 1.26 -0.46	40.46 1.39 -0.52	42.40 1.45 -0.60	45.55 1.56 -0.61	52.97 1.86 -0.80	56.67 2.00 -0.73	59.69 2.21 -0.73	66.59 2.35 -0.77	79.47 2.64 -1.26	83.74 2.87 -1.13	103.96 3.64 -1.90	93.34 3.62 -1.51	66.42 2.90 -0.38	60.30 2.63 -0.61	51.17 2.13 -0.61	44.32 1.81 -0.40	39.43 1.50 -0.33
ONONDAGA_REF_OCCRA 23987	37.22 -0.22 -0.86	32.38 -0.22 -0.58	31.79 -0.25 -0.60	30.37 -0.30 -0.44	30.28 -0.33 -0.43	32.61 -0.26 -0.78	33.62 -0.23 -0.80	36.82 -0.29 -1.02	39.45 -0.27 -1.17	41.42 -0.24 -1.31	44.44 -0.30 -1.37	51.82 -0.30 -1.81	55.33 -0.32 -1.71	58.26 -0.23 -1.74	65.00 -0.38 -1.91	78.04 -0.53 -3.00	81.92 -0.64 -2.82	102.11 -0.79 -4.48	91.29 -0.53 -3.61	63.94 -0.32 -1.12	58.37 -0.17 -1.47	49.55 -0.24 -1.36	42.96 -0.04 -0.90	38.19 -0.15 -0.74
ONONDAGA___COGEN 23986	37.88 0.04 -1.26	32.87 0.00 -0.85	32.25 -0.06 -0.88	30.76 -0.12 -0.65	30.66 -0.15 -0.64	33.16 -0.06 -1.14	34.19 -0.03 -1.17	37.53 -0.04 -1.49	40.24 -0.04 -1.73	42.26 0.00 -1.91	45.12 -0.26 -2.00	52.75 -0.35 -2.79	56.50 -0.32 -2.88	59.47 -0.28 -3.01	66.61 -0.44 -3.58	80.30 -0.60 -5.34	84.37 -0.72 -5.35	105.05 -0.89 -7.52	93.93 -0.53 -6.24	65.52 -0.32 -2.71	59.52 -0.11 -2.57	50.28 -0.15 -2.00	43.64 0.21 -1.32	38.76 0.08 -1.09
ONTARIO___LFGE 23819	37.29 0.29 -0.42	32.44 0.13 -0.28	31.72 -0.03 -0.31	30.39 -0.06 -0.22	30.29 -0.12 -0.23	32.45 -0.03 -0.39	33.48 0.03 -0.39	36.73 0.11 -0.54	39.23 0.12 -0.56	41.05 0.00 -0.70	43.96 -0.09 -0.68	50.99 -0.10 -0.78	54.37 -0.11 -0.53	57.38 0.17 -0.46	63.62 -0.13 -0.27	75.88 -0.45 -0.76	79.51 -0.55 -0.33	98.21 -1.58 -1.38	89.42 0.27 -0.94	63.32 0.57 0.38	58.00 0.57 -0.36	49.53 0.43 -0.67	43.22 0.67 -0.44	38.37 0.41 -0.36
ORANGEVILLE_WT_PWR 323706	35.81 -0.77 0.00	31.06 -0.96 0.00	30.15 -1.32 -0.03	29.15 -1.09 -0.01	28.88 -1.33 -0.03	30.86 -1.25 -0.02	31.90 -1.16 0.00	34.63 -1.51 -0.06	36.98 -1.54 0.03	38.51 -1.94 -0.09	41.29 -2.08 0.00	47.29 -2.82 0.20	50.50 -2.91 0.53	53.64 -2.44 0.67	58.91 -3.43 1.14	69.71 -4.69 1.17	72.94 -5.02 1.78	91.14 -5.90 1.37	83.04 -3.79 1.39	59.37 -2.21 1.55	54.24 -2.23 0.60	46.93 -1.50 0.00	41.47 -0.63 0.00	37.15 -0.45 0.00
ORANGEVILLE___ESR 323794	35.81 -0.77 0.00	31.06 -0.96 0.00	30.15 -1.32 -0.03	29.15 -1.09 -0.01	28.88 -1.33 -0.03	30.86 -1.25 -0.02	31.90 -1.16 0.00	34.63 -1.51 -0.06	36.98 -1.54 0.03	38.51 -1.94 -0.09	41.29 -2.08 0.00	47.29 -2.82 0.20	50.50 -2.91 0.53	53.64 -2.44 0.67	58.91 -3.43 1.14	69.71 -4.69 1.17	72.94 -5.02 1.78	91.14 -5.90 1.37	83.04 -3.79 1.39	59.37 -2.21 1.55	54.24 -2.23 0.60	46.93 -1.50 0.00	41.47 -0.63 0.00	37.15 -0.45 0.00
OSWEGATCHIE___HYD 24044	35.52 -1.54 -0.47	31.02 -1.31 -0.31	30.47 -1.29 -0.32	29.09 -1.27 -0.13	28.91 -1.24 0.03	31.26 -1.25 -0.42	32.30 -1.19 -0.44	35.26 -1.37 -0.55	37.64 -1.54 -0.64	39.37 -1.69 -0.71	41.50 -1.91 -0.04	45.62 -2.16 2.52	49.37 -2.37 2.20	52.17 -2.44 2.14	48.09 -2.73 12.66	57.29 -3.25 15.03	59.31 -3.35 17.08	71.99 -4.13 22.30	66.95 -3.53 17.73	59.41 -2.15 1.57	55.78 -1.88 -0.59	45.82 -1.79 0.81	40.83 -1.77 -0.49	32.20 -1.65 3.74
OSWEGO___5 23606	41.54 -0.77 -5.73	35.21 -0.67 -3.86	34.68 -0.69 -3.93	32.49 -0.69 -2.95	32.32 -0.72 -2.87	36.52 -0.71 -5.14	37.67 -0.73 -5.35	41.89 -0.83 -6.64	45.64 -0.89 -7.98	47.90 -0.93 -8.47	51.45 -1.04 -9.11	62.54 -1.21 -13.44	67.73 -1.30 -15.08	71.71 -1.25 -16.21	82.51 -1.52 -20.57	102.79 -1.89 -29.11	108.76 -1.99 -31.01	135.40 -2.46 -39.44	119.94 -1.94 -33.67	79.96 -1.33 -18.16	69.85 -1.20 -13.99	56.51 -1.02 -9.10	47.34 -0.80 -6.04	41.80 -0.75 -4.96
OSWEGO___6 23613	41.54 -0.77 -5.73	35.21 -0.67 -3.86	34.68 -0.69 -3.93	32.49 -0.69 -2.95	32.32 -0.72 -2.87	36.52 -0.71 -5.14	37.67 -0.73 -5.35	41.89 -0.83 -6.64	45.64 -0.89 -7.98	47.90 -0.93 -8.47	51.45 -1.04 -9.11	62.54 -1.21 -13.44	67.73 -1.30 -15.08	71.71 -1.25 -16.21	82.51 -1.52 -20.57	102.79 -1.89 -29.11	108.76 -1.99 -31.01	135.40 -2.46 -39.44	119.94 -1.94 -33.67	79.96 -1.33 -18.16	69.85 -1.20 -13.99	56.51 -1.02 -9.10	47.34 -0.80 -6.04	41.80 -0.75 -4.96

OUTOKUMPU-AB____DRP 24206	35.16 -1.43 0.00	30.42 -1.60 0.00	29.70 -1.76 -0.03	28.60 -1.63 -0.01	28.45 -1.75 -0.03	30.31 -1.80 -0.02	31.17 -1.88 0.00	33.57 -2.56 -0.05	35.86 -2.66 0.03	37.20 -3.23 -0.07	40.42 -2.95 0.00	46.20 -3.87 0.23	49.38 -3.94 0.62	52.56 -3.40 0.79	57.25 -4.89 1.33	67.77 -6.35 1.45	70.96 -6.70 2.08	88.54 -8.27 1.61	81.03 -5.56 1.62	57.91 -3.41 1.81	53.22 -3.14 0.71	45.72 -2.71 0.00	40.76 -1.35 0.00	36.84 -0.75 0.00
OXBOW____BTM 323836	34.94 -1.65 0.00	30.20 -1.82 0.00	29.55 -1.92 -0.03	28.42 -1.81 -0.01	28.30 -1.90 -0.03	30.12 -1.99 -0.02	31.00 -2.05 0.00	33.43 -2.71 -0.05	35.70 -2.81 0.03	37.12 -3.31 -0.07	39.86 -3.51 0.00	45.65 -4.43 0.23	48.78 -4.53 0.63	51.98 -3.97 0.80	56.80 -5.33 1.34	66.91 -7.18 1.47	70.06 -7.58 2.10	87.04 -9.74 1.63	80.05 -6.53 1.64	57.20 -4.10 1.83	52.30 -4.05 0.71	45.13 -3.29 0.00	40.21 -1.89 0.00	36.17 -1.43 0.00
OXBOW____ 24026	34.72 -1.87 0.00	30.04 -1.99 0.00	29.39 -2.07 -0.03	28.27 -1.96 -0.01	28.15 -2.05 -0.03	29.95 -2.15 -0.02	30.77 -2.28 0.00	33.18 -2.96 -0.05	35.32 -3.20 0.03	36.75 -3.67 -0.07	39.82 -3.56 0.00	45.65 -4.43 0.23	48.78 -4.53 0.63	51.92 -4.03 0.80	56.54 -5.59 1.34	66.92 -7.18 1.47	70.06 -7.57 2.10	87.04 -9.74 1.63	80.05 -6.53 1.64	57.19 -4.10 1.83	52.64 -3.71 0.71	45.13 -3.29 0.00	40.17 -1.94 0.00	36.32 -1.28 0.00
OXY_CHEM_DSASP 323612	34.13 -2.45 0.00	29.56 -2.47 0.00	28.95 -2.51 -0.03	27.82 -2.42 -0.01	27.76 -2.44 -0.03	29.47 -2.63 -0.02	30.28 -2.78 0.00	32.60 -3.54 -0.05	34.62 -3.89 0.03	36.10 -4.32 -0.07	39.04 -4.34 0.00	44.94 -5.13 0.24	47.97 -5.34 0.63	51.01 -4.94 0.80	55.58 -6.54 1.36	65.69 -8.39 1.49	68.76 -8.85 2.12	86.04 -10.73 1.64	78.62 -7.94 1.66	56.17 -5.11 1.85	51.84 -4.51 0.72	44.36 -4.07 0.00	39.45 -2.65 0.00	35.68 -1.92 0.00
OZONE_PARK_ESR 323760	40.72 4.13 0.00	35.61 3.59 0.00	34.84 3.21 -0.20	33.39 3.11 -0.05	33.38 3.02 -0.19	35.34 3.14 -0.11	36.72 3.67 0.00	40.68 4.22 -0.38	43.25 4.70 0.00	45.71 4.76 -0.59	48.49 5.12 0.00	56.19 5.89 0.00	61.91 6.42 -1.54	66.31 6.53 -3.03	74.81 7.55 -3.78	91.81 9.52 -6.72	95.48 10.29 -5.45	117.07 12.70 -5.96	98.96 10.59 -0.15	70.14 7.01 0.00	63.17 6.11 0.00	53.80 5.38 0.00	46.74 4.63 0.00	41.81 4.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.13 -2.45 0.00	29.56 -2.47 0.00	28.95 -2.51 -0.03	27.82 -2.42 -0.01	27.76 -2.44 -0.03	29.47 -2.63 -0.02	30.28 -2.78 0.00	32.60 -3.54 -0.05	34.62 -3.89 0.03	36.10 -4.32 -0.07	39.04 -4.34 0.00	44.94 -5.13 0.24	47.97 -5.34 0.63	51.01 -4.94 0.80	55.58 -6.54 1.36	65.69 -8.39 1.49	68.76 -8.85 2.12	86.04 -10.73 1.64	78.62 -7.94 1.66	56.17 -5.11 1.85	51.84 -4.51 0.72	44.36 -4.07 0.00	39.45 -2.65 0.00	35.68 -1.92 0.00
PACKARD__115KV_DUPONT_184 80571	34.13 -2.45 0.00	29.56 -2.47 0.00	28.95 -2.51 -0.03	27.82 -2.42 -0.01	27.76 -2.44 -0.03	29.47 -2.63 -0.02	30.28 -2.78 0.00	32.60 -3.54 -0.05	34.62 -3.89 0.03	36.10 -4.32 -0.07	39.04 -4.34 0.00	44.94 -5.13 0.24	47.97 -5.34 0.63	51.01 -4.94 0.80	55.58 -6.54 1.36	65.69 -8.39 1.49	68.76 -8.85 2.12	86.04 -10.73 1.64	78.62 -7.94 1.66	56.17 -5.11 1.85	51.84 -4.51 0.72	44.36 -4.07 0.00	39.45 -2.65 0.00	35.68 -1.92 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.43 3.84 -0.01	35.46 3.43 -0.01	34.72 3.08 -0.21	33.27 2.99 -0.05	33.27 2.90 -0.20	35.12 2.92 -0.11	36.33 3.27 0.00	40.28 3.82 -0.37	42.71 4.16 0.00	45.14 4.20 -0.59	47.80 4.42 0.00	55.19 4.88 0.00	60.87 5.39 -1.54	65.28 5.50 -3.02	73.53 6.28 -3.77	90.15 7.86 -6.72	93.72 8.53 -5.45	114.90 10.53 -5.96	97.01 8.65 -0.15	68.99 5.87 0.01	62.31 5.25 0.01	52.88 4.46 0.00	46.23 4.13 0.00	41.59 3.99 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.98 4.39 -0.01	35.94 3.91 -0.01	35.20 3.55 -0.21	33.73 3.45 -0.05	33.72 3.35 -0.20	35.57 3.37 -0.11	36.75 3.70 0.00	40.75 4.29 -0.37	43.25 4.70 0.00	45.67 4.72 -0.59	48.40 5.03 0.00	55.89 5.58 0.00	61.63 6.15 -1.54	66.13 6.36 -3.02	74.42 7.17 -3.77	91.28 8.99 -6.72	94.92 9.73 -5.45	116.48 12.10 -5.96	98.42 10.06 -0.15	70.00 6.88 0.01	63.22 6.16 0.01	53.61 5.18 0.00	46.90 4.80 0.00	42.08 4.47 -0.01
PATROON__115KV_TB1 80586	38.19 1.61 0.00	33.43 1.41 0.00	33.01 1.32 -0.26	31.53 1.24 -0.06	31.66 1.24 -0.25	33.58 1.35 -0.14	34.47 1.42 0.00	38.01 1.44 -0.49	40.25 1.70 0.00	42.85 1.74 -0.76	45.28 1.91 0.00	52.47 2.16 0.00	56.21 2.27 0.00	59.08 2.33 0.00	66.20 2.73 0.00	80.89 3.40 -1.93	83.24 3.51 0.00	102.74 4.33 0.00	92.01 3.79 0.00	65.78 2.65 0.00	59.35 2.28 0.00	50.41 1.99 0.00	43.83 1.73 0.00	39.14 1.54 0.00
PATTRSNVILLE____SOLAR 323815	38.82 2.23 0.00	33.94 1.92 0.00	33.53 1.82 -0.27	32.04 1.75 -0.06	32.13 1.69 -0.26	34.13 1.89 -0.15	35.00 1.95 0.00	38.62 2.02 -0.52	40.71 2.16 0.00	43.38 2.22 -0.81	45.71 2.34 0.00	53.02 2.71 0.00	59.90 2.86 -3.10	65.77 2.95 -6.08	74.35 3.30 -7.58	92.17 4.08 -12.52	94.89 4.22 -10.93	116.07 5.71 -11.95	94.03 5.47 -0.34	67.11 3.98 0.00	60.66 3.60 0.00	51.48 3.05 0.00	44.67 2.57 0.00	39.81 2.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.67 -0.91 0.00	30.90 -1.12 0.00	29.93 -1.54 -0.03	28.97 -1.27 -0.01	28.73 -1.48 -0.03	30.76 -1.35 -0.02	31.73 -1.32 0.00	33.65 -2.49 -0.06	36.71 -1.81 0.03	37.33 -3.11 -0.08	41.33 -2.04 0.00	46.57 -3.52 0.22	49.75 -3.61 0.58	53.12 -2.89 0.73	58.04 -4.19 1.24	68.73 -5.52 1.32	72.05 -5.74 1.94	90.12 -6.79 1.50	82.12 -4.59 1.51	58.60 -2.84 1.69	53.67 -2.74 0.66	46.93 -1.50 0.00	41.56 -0.55 0.00	37.37 -0.23 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.21 3.62 0.00	35.16 3.14 0.00	34.50 2.86 -0.20	33.00 2.72 -0.05	33.03 2.66 -0.20	35.02 2.82 -0.11	36.29 3.24 0.00	40.11 3.64 -0.38	42.67 4.12 0.00	45.11 4.16 -0.60	48.01 4.64 0.00	55.69 5.38 0.00	61.27 5.93 -1.39	65.61 6.13 -2.73	74.12 7.24 -3.41	90.71 8.92 -6.23	94.07 9.41 -4.92	115.70 11.91 -5.38	98.41 10.06 -0.14	69.95 6.82 0.00	62.83 5.76 0.00	53.37 4.94 0.00	46.19 4.08 0.00	41.32 3.72 0.00
PEEKSKILL____ 23653	39.84 3.25 0.00	34.87 2.85 0.00	34.18 2.55 -0.20	32.72 2.45 -0.05	32.75 2.38 -0.19	34.70 2.50 -0.11	35.93 2.87 0.00	39.77 3.32 -0.37	42.09 3.54 0.00	44.61 3.67 -0.58	47.36 3.99 0.00	54.93 4.63 0.00	60.52 5.07 -1.50	64.92 5.22 -2.95	73.25 6.09 -3.68	89.76 7.63 -6.56	93.26 8.21 -5.31	114.36 10.14 -5.80	96.73 8.38 -0.13	68.75 5.62 0.00	61.86 4.79 0.00	52.64 4.21 0.00	45.64 3.54 0.00	40.86 3.27 0.00
PGE MADISON____WINDPWR 24146	40.25 3.15 -0.52	35.13 2.75 -0.35	34.45 2.61 -0.41	32.95 2.45 -0.28	32.84 2.36 -0.31	35.31 2.73 -0.49	36.54 3.01 -0.48	41.46 4.84 -0.54	44.15 5.13 -0.47	46.52 5.45 -0.72	49.56 5.64 -0.56	57.52 6.49 -0.72	61.61 7.01 -0.66	65.12 7.72 -0.66	72.30 8.13 -0.70	86.53 9.37 -1.60	90.56 9.80 -1.02	108.91 7.77 -2.73	98.44 8.03 -2.20	70.46 6.63 -0.71	63.96 5.99 -0.90	54.24 4.99 -0.82	46.99 4.34 -0.54	41.69 3.65 -0.45

PIERCEFIELD___HYD 23852	34.37 -2.45 -0.24	30.07 -2.11 -0.16	29.62 -1.98 -0.16	28.32 -1.87 0.04	28.06 -1.84 0.27	30.38 -1.93 -0.21	31.29 -1.98 -0.22	34.23 -2.13 -0.28	36.44 -2.43 -0.32	38.13 -2.58 -0.36	39.82 -2.86 0.69	42.19 -3.27 4.85	46.00 -3.56 4.38	48.71 -3.69 4.35	38.93 -4.13 20.41	46.01 -4.91 24.64	46.89 -5.10 27.75	55.50 -6.50 36.42	53.25 -5.91 29.06	55.64 -4.10 3.38	53.35 -3.65 0.06	43.21 -3.24 1.97	39.31 -3.03 -0.24	28.80 -2.74 6.05
PINELAWN_CC_1 323563	43.71 3.99 -3.14	42.97 3.49 -7.45	42.12 3.17 -7.51	41.34 3.05 -8.06	41.28 2.99 -8.12	41.58 3.18 -6.31	41.75 3.60 -5.10	42.31 4.15 -2.08	42.98 4.32 -0.11	44.94 4.00 -0.59	48.39 4.73 -0.29	66.53 5.39 -10.84	71.36 5.93 -11.49	81.34 6.13 -18.46	94.37 7.11 -23.78	128.56 8.91 -44.08	157.97 9.64 -68.59	160.22 11.90 -49.90	126.91 10.05 -28.64	82.89 6.50 -13.26	67.77 5.48 -5.22	58.89 4.80 -5.67	46.54 4.21 -0.22	41.47 3.87 -0.01
PJM_GEN_HTTP_PROXY 323702	40.21 3.62 0.00	35.64 3.17 -0.44	34.02 2.83 0.24	33.00 2.72 -0.05	32.99 2.62 -0.19	34.96 2.76 -0.11	36.26 3.21 0.00	40.25 3.79 -0.38	42.63 4.08 0.00	45.14 4.20 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	60.95 5.72 -1.30	65.82 5.79 -3.28	73.98 6.72 -3.78	90.75 8.46 -6.72	94.36 9.17 -5.45	115.69 11.31 -5.96	97.61 9.26 -0.13	69.25 6.12 0.00	62.26 5.19 0.00	55.15 4.65 -2.07	44.95 4.00 1.16	40.36 3.69 0.92
PJM_GEN_KEystone 24065	37.68 1.10 0.00	33.33 0.86 -0.44	31.62 0.50 0.32	30.89 0.64 -0.03	30.77 0.48 -0.12	32.70 0.54 -0.07	33.84 0.79 0.00	37.17 0.86 -0.23	39.50 0.96 0.01	41.51 0.81 -0.35	44.33 0.95 0.00	50.74 0.91 0.48	54.49 1.08 0.53	58.38 1.36 -0.27	65.13 1.39 -0.26	79.29 1.59 -2.13	82.86 1.91 -1.21	102.51 2.46 -1.63	88.73 2.38 1.87	62.99 1.71 1.84	56.82 1.20 1.45	51.19 1.26 -1.50	42.19 1.35 1.26	37.96 1.28 0.92
PJM_GEN_NEPTUNE_PROXY 323594	42.04 3.77 -1.69	39.77 3.30 -4.45	38.08 2.95 -3.69	37.45 2.87 -4.35	37.44 2.81 -4.46	38.48 2.95 -3.44	39.13 3.34 -2.74	41.27 3.90 -1.29	42.70 4.08 -0.06	44.86 3.91 -0.59	47.88 4.51 0.00	61.94 5.43 -6.20	66.81 5.93 -6.93	76.93 6.08 -14.11	90.61 7.04 -20.09	106.25 8.76 -21.93	128.69 9.40 -39.55	131.70 11.61 -21.68	104.08 9.70 -6.16	69.44 6.31 0.00	62.43 5.36 0.00	55.20 4.70 -2.07	44.99 4.04 1.16	40.40 3.72 0.92
PJM_GEN_VFT_PROXY 323633	40.13 3.55 0.00	35.61 3.14 -0.44	33.96 2.77 0.24	32.96 2.69 -0.05	32.93 2.56 -0.19	34.86 2.66 -0.11	36.19 3.14 0.00	40.18 3.72 -0.38	42.48 3.93 0.00	45.02 4.07 -0.59	47.71 4.34 0.00	49.79 4.93 5.45	48.87 5.39 10.47	48.21 5.45 13.99	57.24 6.29 12.51	79.18 8.01 4.39	83.28 8.69 5.15	103.98 10.63 5.06	78.60 8.65 18.27	52.88 5.68 15.93	45.27 4.85 16.64	46.69 4.36 6.10	43.22 3.75 2.63	40.25 3.57 0.92
PLATSBURG_115KV_PMLD1 355749	35.78 -0.80 0.00	31.38 -0.64 0.00	30.90 -0.53 0.00	29.81 -0.42 0.00	29.78 -0.39 0.00	31.99 -0.10 0.00	32.59 -0.46 0.00	35.72 -0.36 0.00	37.91 -0.62 0.02	39.55 -0.81 0.00	41.26 -0.78 1.34	42.58 -1.06 6.68	46.52 -1.29 6.13	48.76 -1.87 6.11	35.08 -2.22 26.17	41.65 -2.12 31.80	41.82 -2.23 35.69	48.75 -2.76 46.91	48.35 -2.38 37.48	56.16 -2.15 4.83	54.51 -1.88 0.68	44.11 -1.40 2.91	41.25 -0.84 0.01	28.86 -0.98 7.76
PLEASANTVLY___LBMP 24000	39.44 2.85 0.00	34.52 2.50 0.00	33.91 2.26 -0.21	32.45 2.18 -0.05	32.52 2.14 -0.20	34.45 2.25 -0.11	35.60 2.55 0.00	39.37 2.89 -0.40	41.75 3.20 0.00	44.21 3.23 -0.62	46.89 3.51 0.00	54.38 4.07 0.00	60.17 4.42 -1.80	64.83 4.54 -3.54	73.22 5.33 -4.41	89.82 6.57 -7.68	93.20 7.10 -6.36	114.13 8.76 -6.95	95.63 7.23 -0.18	67.99 4.86 0.00	61.29 4.22 0.00	52.11 3.68 0.00	45.18 3.07 0.00	40.45 2.86 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.91 3.33 0.00	34.94 2.91 0.00	34.25 2.61 -0.20	32.78 2.51 -0.05	32.84 2.47 -0.19	34.80 2.60 -0.11	36.03 2.97 0.00	39.89 3.43 -0.38	42.33 3.78 0.00	44.78 3.83 -0.60	47.58 4.21 0.00	55.19 4.88 0.00	60.85 5.34 -1.56	65.27 5.45 -3.07	73.71 6.41 -3.83	90.38 8.01 -6.80	93.87 8.61 -5.52	115.07 10.63 -6.03	97.19 8.82 -0.16	69.06 5.93 0.00	62.15 5.08 0.00	52.83 4.41 0.00	45.81 3.71 0.00	40.98 3.38 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.91 3.33 0.00	34.94 2.91 0.00	34.25 2.61 -0.20	32.78 2.51 -0.05	32.84 2.47 -0.19	34.80 2.60 -0.11	36.03 2.97 0.00	39.89 3.43 -0.38	42.33 3.78 0.00	44.78 3.83 -0.60	47.58 4.21 0.00	55.19 4.88 0.00	60.85 5.34 -1.56	65.27 5.45 -3.07	73.71 6.41 -3.83	90.38 8.01 -6.80	93.87 8.61 -5.52	115.07 10.63 -6.03	97.19 8.82 -0.16	69.06 5.93 0.00	62.15 5.08 0.00	52.83 4.41 0.00	45.81 3.71 0.00	40.98 3.38 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.80 3.22 0.00	34.84 2.82 0.00	34.22 2.58 -0.21	32.75 2.48 -0.05	32.79 2.41 -0.20	34.74 2.54 -0.11	35.90 2.84 0.00	39.65 3.18 -0.39	42.06 3.51 0.00	44.51 3.55 -0.61	47.28 3.90 0.00	54.84 4.53 0.00	60.39 5.02 -1.43	64.67 5.11 -2.82	73.02 6.03 -3.51	89.44 7.48 -6.39	92.94 8.13 -5.07	113.99 10.04 -5.54	96.83 8.47 -0.14	68.87 5.74 0.00	62.03 4.96 0.00	52.69 4.26 0.00	45.64 3.54 0.00	40.83 3.23 0.00
POLETTI_____ 23519	40.21 3.62 0.00	35.19 3.17 0.00	34.43 2.80 -0.20	32.99 2.72 -0.05	32.99 2.63 -0.19	34.95 2.76 -0.10	36.25 3.21 0.01	40.20 3.75 -0.36	42.70 4.16 0.02	45.13 4.20 -0.58	47.87 4.51 0.02	55.47 5.18 0.02	61.08 5.61 -1.53	65.44 5.67 -3.02	73.84 6.60 -3.77	90.59 8.31 -6.71	94.19 9.01 -5.45	115.49 11.12 -5.95	97.44 9.09 -0.14	69.11 6.00 0.02	62.19 5.14 0.02	53.02 4.60 0.01	46.05 3.96 0.01	41.28 3.68 0.00
POMONA___ESR 323819	39.84 3.25 0.00	34.87 2.85 0.00	34.14 2.52 -0.19	32.72 2.45 -0.04	32.74 2.38 -0.18	34.70 2.50 -0.10	35.90 2.84 0.00	39.73 3.28 -0.36	42.02 3.47 0.00	44.43 3.51 -0.56	47.23 3.86 0.00	54.84 4.53 0.00	60.29 4.96 -1.38	64.57 5.11 -2.71	72.82 5.96 -3.39	89.15 7.48 -6.10	92.76 8.14 -4.88	113.79 10.04 -5.34	96.54 8.21 -0.12	68.62 5.49 0.00	61.75 4.68 0.00	52.54 4.11 0.00	45.56 3.45 0.00	40.83 3.23 0.00
PORT_JEFF_3 23555	44.01 4.28 -3.15	43.29 3.81 -7.46	42.47 3.52 -7.51	41.67 3.38 -8.06	41.62 3.32 -8.12	41.93 3.53 -6.31	42.11 3.96 -5.10	42.74 4.58 -2.08	43.17 4.51 -0.11	45.10 4.16 -0.59	52.76 4.94 -4.45	133.21 5.83 -77.07	133.21 6.31 -72.96	147.32 6.41 -84.16	147.32 7.30 -76.55	278.65 9.06 -194.02	281.57 9.72 -192.11	272.17 12.00 -161.75	281.62 10.14 -183.27	272.41 6.63 -202.66	142.52 5.65 -79.80	140.00 4.99 -86.58	49.88 4.38 -3.39	41.44 3.84 0.00
PORT_JEFF_4 23616	44.01 4.28 -3.15	43.29 3.81 -7.46	42.47 3.52 -7.51	41.67 3.38 -8.06	41.62 3.32 -8.12	41.93 3.53 -6.31	42.11 3.96 -5.10	42.74 4.58 -2.08	43.17 4.51 -0.11	45.10 4.16 -0.59	52.76 4.94 -4.45	133.21 5.83 -77.07	133.21 6.31 -72.96	147.32 6.41 -84.16	147.32 7.30 -76.55	278.65 9.06 -194.02	281.57 9.72 -192.11	272.17 12.00 -161.75	281.62 10.14 -183.27	272.41 6.63 -202.66	142.52 5.65 -79.80	140.00 4.99 -86.58	49.88 4.38 -3.39	41.44 3.84 0.00

PORT_JEFF_IC 23713	44.08 4.35 -3.14	43.35 3.87 -7.45	42.52 3.58 -7.50	41.72 3.45 -8.05	41.67 3.38 -8.11	41.99 3.59 -6.30	42.21 4.07 -5.09	42.73 4.58 -2.07	43.44 4.78 -0.11	45.30 4.36 -0.59	53.49 4.99 -5.13	144.09 5.89 -87.90	143.37 6.42 -83.01	158.18 6.53 -94.90	156.21 7.55 -85.18	304.56 9.29 -219.70	304.02 9.97 -214.31	292.77 12.30 -182.05	308.35 10.41 -209.73	303.60 6.82 -233.65	154.90 5.82 -92.01	153.34 5.08 -99.83	50.48 4.46 -3.91	41.62 4.02 0.00
PPL PILGRIM_ST_GT1 24216	44.22 4.50 -3.14	43.45 3.97 -7.45	42.62 3.68 -7.51	41.88 3.60 -8.06	41.80 3.50 -8.12	42.12 3.72 -6.31	42.35 4.20 -5.10	42.92 4.76 -2.08	43.56 4.90 -0.11	45.42 4.48 -0.59	49.53 5.25 -0.92	76.97 5.88 -20.78	81.13 6.47 -20.72	91.83 6.75 -28.33	102.99 7.80 -31.71	147.91 9.67 -62.66	170.36 10.36 -80.26	171.12 12.89 -59.82	147.08 10.94 -47.93	111.96 7.13 -41.70	79.53 6.05 -16.42	71.52 5.28 -17.82	47.48 4.67 -0.70	41.95 4.32 -0.03
PPL PILGRIM_ST_GT2 24217	44.22 4.50 -3.14	43.45 3.97 -7.45	42.62 3.68 -7.51	41.88 3.60 -8.06	41.80 3.50 -8.12	42.12 3.72 -6.31	42.35 4.20 -5.10	42.92 4.76 -2.08	43.56 4.90 -0.11	45.42 4.48 -0.59	49.53 5.25 -0.92	76.97 5.88 -20.78	81.13 6.47 -20.72	91.83 6.75 -28.33	102.99 7.80 -31.71	147.91 9.67 -62.66	170.36 10.36 -80.26	171.12 12.89 -59.82	147.08 10.94 -47.93	111.96 7.13 -41.70	79.53 6.05 -16.42	71.52 5.28 -17.82	47.48 4.67 -0.70	41.95 4.32 -0.03
PPL_SHRM_GT3 24213	44.08 4.35 -3.15	43.33 3.84 -7.46	42.47 3.52 -7.51	41.67 3.38 -8.06	41.59 3.29 -8.12	41.90 3.50 -6.31	42.11 3.96 -5.10	42.71 4.55 -2.08	43.36 4.70 -0.11	45.30 4.36 -0.59	53.43 5.51 -4.54	135.22 6.34 -78.58	135.21 6.91 -74.36	149.67 7.27 -85.65	149.60 8.38 -77.75	283.58 10.35 -197.66	286.04 11.01 -195.30	276.87 13.78 -164.68	286.96 11.73 -187.01	277.92 7.83 -206.97	145.18 6.62 -81.50	142.61 5.76 -88.43	50.37 4.80 -3.47	41.81 4.21 0.00
PPL_SHRM_GT4 24214	44.08 4.35 -3.15	43.33 3.84 -7.46	42.47 3.52 -7.51	41.67 3.38 -8.06	41.59 3.29 -8.12	41.90 3.50 -6.31	42.11 3.96 -5.10	42.71 4.55 -2.08	43.36 4.70 -0.11	45.30 4.36 -0.59	53.43 5.51 -4.54	135.22 6.34 -78.58	135.21 6.91 -74.36	149.67 7.27 -85.65	149.60 8.38 -77.75	283.58 10.35 -197.66	286.04 11.01 -195.30	276.87 13.78 -164.68	286.96 11.73 -187.01	277.92 7.83 -206.97	145.18 6.62 -81.50	142.61 5.76 -88.43	50.37 4.80 -3.47	41.81 4.21 0.00
PROJECT___ORANGE 1 24174	37.09 -0.18 -0.69	32.33 -0.16 -0.47	31.71 -0.22 -0.49	30.31 -0.27 -0.36	30.25 -0.27 -0.35	32.49 -0.22 -0.63	33.50 -0.20 -0.65	36.66 -0.25 -0.83	39.26 -0.23 -0.94	41.18 -0.24 -1.07	44.22 -0.26 -1.11	51.48 -0.25 -1.43	54.95 -0.27 -1.28	57.85 -0.17 -1.27	64.47 -0.32 -1.31	77.27 -0.45 -2.16	81.09 -0.56 -1.91	100.97 -0.79 -3.35	90.41 -0.44 -2.63	63.53 -0.19 -0.59	58.02 -0.11 -1.07	49.34 -0.19 -1.10	42.79 -0.04 -0.73	38.08 -0.11 -0.60
PROJECT___ORANGE 2 24166	37.09 -0.18 -0.69	32.33 -0.16 -0.47	31.71 -0.22 -0.49	30.31 -0.27 -0.36	30.25 -0.27 -0.35	32.49 -0.22 -0.63	33.50 -0.20 -0.65	36.66 -0.25 -0.83	39.26 -0.23 -0.94	41.18 -0.24 -1.07	44.22 -0.26 -1.11	51.48 -0.25 -1.43	54.95 -0.27 -1.28	57.85 -0.17 -1.27	64.47 -0.32 -1.31	77.27 -0.45 -2.16	81.09 -0.56 -1.91	100.97 -0.79 -3.35	90.41 -0.44 -2.63	63.53 -0.19 -0.59	58.02 -0.11 -1.07	49.34 -0.19 -1.10	42.79 -0.04 -0.73	38.08 -0.11 -0.60
PUCKETT___SOLAR 323809	38.27 1.21 -0.48	33.30 0.96 -0.32	32.64 0.82 -0.39	31.30 0.82 -0.26	31.19 0.72 -0.30	33.48 0.93 -0.46	34.52 1.03 -0.44	37.91 1.19 -0.64	40.39 1.23 -0.61	42.41 1.21 -0.85	45.30 1.21 -0.71	52.50 1.26 -0.93	56.20 1.40 -0.86	59.31 1.70 -0.86	66.04 1.65 -0.92	79.26 1.81 -1.88	83.24 2.15 -1.35	103.20 2.36 -2.43	92.89 2.74 -1.94	65.95 2.27 -0.55	59.91 2.05 -0.79	51.02 1.84 -0.76	44.29 1.69 -0.50	39.40 1.39 -0.41
PYRITES___HYD 24023	35.08 -1.72 -0.22	30.70 -1.47 -0.15	30.20 -1.38 -0.15	28.90 -1.27 0.06	28.66 -1.21 0.31	31.03 -1.25 -0.19	32.00 -1.26 -0.20	35.01 -1.34 -0.26	37.18 -1.66 -0.29	38.91 -1.78 -0.33	40.58 -2.04 0.75	42.95 -2.31 5.04	46.95 -2.43 4.57	49.72 -2.50 4.53	39.55 -2.86 21.06	46.72 -3.40 25.44	47.43 -3.67 28.64	56.09 -4.72 37.60	53.97 -4.23 30.01	56.88 -2.71 3.53	54.55 -2.40 0.12	44.13 -2.23 2.07	40.14 -2.19 -0.22	29.36 -1.99 6.24
QUAKERRD_115KV_BK1 80622	35.34 -1.24 0.00	30.74 -1.28 0.00	30.14 -1.32 -0.02	28.90 -1.33 0.00	28.84 -1.36 -0.02	30.69 -1.41 -0.01	31.60 -1.45 0.00	34.57 -1.55 -0.04	36.70 -1.81 0.04	38.64 -1.78 -0.06	41.42 -1.95 0.00	47.94 -2.11 0.26	51.10 -2.16 0.68	53.90 -1.99 0.87	59.16 -2.86 1.46	70.34 -3.55 1.67	73.54 -3.91 2.29	91.92 -4.72 1.77	83.17 -3.26 1.78	58.93 -2.21 1.99	54.58 -1.71 0.78	46.59 -1.84 0.00	40.84 -1.26 0.00	36.54 -1.05 0.00
QUENSBRY_115KV_TB8 356137	39.69 3.11 0.00	34.65 2.63 0.00	34.09 2.39 -0.26	32.53 2.24 -0.06	32.60 2.17 -0.26	34.70 2.47 -0.14	35.70 2.64 0.00	39.29 2.71 -0.50	41.67 3.12 0.00	44.33 3.19 -0.79	46.45 3.08 0.00	54.13 3.82 0.00	63.74 3.83 -5.97	72.33 3.86 -11.72	82.22 4.13 -14.62	102.91 5.14 -22.20	106.25 5.42 -21.09	128.64 7.18 -23.04	96.31 7.50 -0.60	68.56 5.43 0.00	62.03 4.96 0.00	52.69 4.26 0.00	45.56 3.45 0.00	40.42 2.82 0.00
RAMAPO___LBMP 323565	39.62 3.04 0.00	34.68 2.66 0.00	33.98 2.36 -0.19	32.54 2.27 -0.04	32.59 2.23 -0.18	34.53 2.34 -0.10	35.73 2.68 0.00	39.51 3.07 -0.36	41.90 3.35 0.00	44.26 3.35 -0.56	47.06 3.69 0.00	54.58 4.28 0.00	60.00 4.69 -1.37	64.26 4.82 -2.68	72.47 5.65 -3.35	88.64 7.03 -6.05	92.22 7.65 -4.83	113.14 9.45 -5.28	96.11 7.76 -0.14	68.31 5.18 0.00	61.52 4.45 0.00	52.30 3.87 0.00	45.39 3.28 0.00	40.60 3.01 0.00
RANKINE____ 23646	35.52 -1.06 0.00	30.77 -1.25 0.00	29.96 -1.51 -0.03	28.88 -1.36 -0.01	28.73 -1.48 -0.03	30.63 -1.48 -0.02	31.57 -1.49 0.00	33.87 -2.27 -0.06	36.40 -2.12 0.03	37.53 -2.91 -0.08	41.03 -2.34 0.00	46.77 -3.32 0.22	50.01 -3.34 0.59	53.28 -2.72 0.75	58.15 -4.06 1.27	68.92 -5.29 1.36	72.17 -5.58 1.98	90.29 -6.59 1.53	82.35 -4.32 1.54	58.88 -2.53 1.72	54.00 -2.40 0.67	46.59 -1.84 0.00	41.30 -0.80 0.00	37.22 -0.38 0.00
RAVENSWOOD_GT2_1 24244	40.28 3.69 0.00	35.26 3.23 0.00	34.53 2.89 -0.20	33.06 2.78 -0.05	33.08 2.72 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.28 3.82 -0.38	42.75 4.20 0.00	45.18 4.24 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	61.15 5.66 -1.54	65.51 5.73 -3.03	73.86 6.60 -3.78	90.60 8.31 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.46 9.09 -0.15	69.13 6.00 0.00	62.32 5.25 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.35 3.76 0.00
RAVENSWOOD_GT2_2 24245	40.28 3.69 0.00	35.26 3.23 0.00	34.53 2.89 -0.20	33.06 2.78 -0.05	33.08 2.72 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.28 3.82 -0.38	42.75 4.20 0.00	45.18 4.24 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	61.15 5.66 -1.54	65.51 5.73 -3.03	73.86 6.60 -3.78	90.60 8.31 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.46 9.09 -0.15	69.13 6.00 0.00	62.32 5.25 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.35 3.76 0.00

RAVENSWOOD_GT2_3 24246	40.32 3.73 0.00	35.29 3.27 0.00	34.53 2.89 -0.20	33.09 2.81 -0.05	33.08 2.72 -0.19	35.05 2.86 -0.11	36.36 3.31 0.00	40.32 3.86 -0.38	42.79 4.24 0.00	45.22 4.28 -0.59	47.97 4.60 0.00	55.59 5.28 0.00	61.21 5.72 -1.54	65.57 5.79 -3.03	73.92 6.66 -3.78	90.68 8.39 -6.72	94.28 9.09 -5.45	115.59 11.22 -5.96	97.54 9.17 -0.15	69.19 6.06 0.00	62.37 5.31 0.00	53.12 4.70 0.00	46.19 4.08 0.00	41.39 3.80 0.00
RAVENSWOOD_GT2_4 24247	40.32 3.73 0.00	35.29 3.27 0.00	34.53 2.89 -0.20	33.09 2.81 -0.05	33.08 2.72 -0.19	35.05 2.86 -0.11	36.36 3.31 0.00	40.32 3.86 -0.38	42.79 4.24 0.00	45.22 4.28 -0.59	47.97 4.60 0.00	55.59 5.28 0.00	61.21 5.72 -1.54	65.57 5.79 -3.03	73.92 6.66 -3.78	90.68 8.39 -6.72	94.28 9.09 -5.45	115.59 11.22 -5.96	97.54 9.17 -0.15	69.19 6.06 0.00	62.37 5.31 0.00	53.12 4.70 0.00	46.19 4.08 0.00	41.39 3.80 0.00
RAVENSWOOD_GT3_1 24248	40.28 3.69 0.00	35.26 3.23 0.00	34.53 2.89 -0.20	33.06 2.78 -0.05	33.08 2.72 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.28 3.82 -0.38	42.79 4.24 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	61.15 5.66 -1.54	65.51 5.73 -3.03	73.86 6.60 -3.78	90.60 8.31 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.46 9.09 -0.15	69.13 6.00 0.00	62.32 5.25 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.35 3.76 0.00
RAVENSWOOD_GT3_2 24249	40.28 3.69 0.00	35.26 3.23 0.00	34.53 2.89 -0.20	33.06 2.78 -0.05	33.08 2.72 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.28 3.82 -0.38	42.79 4.24 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	61.15 5.66 -1.54	65.51 5.73 -3.03	73.86 6.60 -3.78	90.60 8.31 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.46 9.09 -0.15	69.13 6.00 0.00	62.32 5.25 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.35 3.76 0.00
RAVENSWOOD_GT3_3 24250	40.35 3.77 0.00	35.32 3.30 0.00	34.59 2.95 -0.20	33.12 2.84 -0.05	33.11 2.75 -0.19	35.09 2.89 -0.11	36.42 3.37 0.00	40.36 3.90 -0.38	42.87 4.32 0.00	45.30 4.36 -0.59	48.06 4.68 0.00	55.64 5.33 0.00	61.31 5.83 -1.54	65.63 5.85 -3.03	74.05 6.79 -3.78	90.83 8.54 -6.72	94.44 9.25 -5.45	115.69 11.32 -5.96	97.72 9.35 -0.15	69.32 6.19 0.00	62.49 5.42 0.00	53.22 4.79 0.00	46.27 4.17 0.00	41.43 3.83 0.00
RAVENSWOOD_GT3_4 24251	40.35 3.77 0.00	35.32 3.30 0.00	34.59 2.95 -0.20	33.12 2.84 -0.05	33.11 2.75 -0.19	35.09 2.89 -0.11	36.42 3.37 0.00	40.36 3.90 -0.38	42.87 4.32 0.00	45.30 4.36 -0.59	48.06 4.68 0.00	55.64 5.33 0.00	61.31 5.83 -1.54	65.63 5.85 -3.03	74.05 6.79 -3.78	90.83 8.54 -6.72	94.44 9.25 -5.45	115.69 11.32 -5.96	97.72 9.35 -0.15	69.32 6.19 0.00	62.49 5.42 0.00	53.22 4.79 0.00	46.27 4.17 0.00	41.43 3.83 0.00
RAVENSWOOD_GT_1 23729	40.92 3.88 -0.46	35.44 3.39 -0.02	34.66 3.02 -0.20	33.18 2.90 -0.05	33.21 2.84 -0.19	35.15 2.95 -0.11	36.46 3.40 0.00	41.26 4.01 -1.18	42.94 4.39 0.00	45.34 4.40 -0.59	48.06 4.68 0.00	55.54 5.23 0.00	61.16 5.66 -1.55	65.52 5.73 -3.04	73.80 6.54 -3.79	96.16 8.31 -12.28	94.13 8.93 -5.46	115.40 11.02 -5.97	97.37 9.00 -0.16	67.33 5.93 1.73	61.67 5.25 0.65	53.13 4.70 -0.01	46.31 4.21 0.00	41.57 3.95 -0.02
RAVENSWOOD_GT_10 24258	40.28 3.69 0.00	35.26 3.23 0.00	34.53 2.89 -0.20	33.06 2.78 -0.05	33.08 2.72 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.25 3.82 -0.34	42.75 4.20 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	61.21 5.72 -1.54	65.51 5.73 -3.03	73.92 6.66 -3.78	90.68 8.39 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.46 9.09 -0.15	69.19 6.06 0.00	62.32 5.25 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.35 3.76 0.00
RAVENSWOOD_GT_11 24259	40.28 3.69 0.00	35.26 3.23 0.00	34.53 2.89 -0.20	33.06 2.78 -0.05	33.08 2.72 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.25 3.82 -0.34	42.75 4.20 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	61.21 5.72 -1.54	65.51 5.73 -3.03	73.92 6.66 -3.78	90.68 8.39 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.46 9.09 -0.15	69.19 6.06 0.00	62.32 5.25 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.35 3.76 0.00
RAVENSWOOD_GT_4 24252	40.62 3.69 -0.34	35.23 3.20 -0.01	34.50 2.86 -0.20	33.06 2.78 -0.05	33.05 2.69 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.25 3.79 -0.38	42.75 4.20 0.00	45.18 4.24 -0.59	47.93 4.55 0.00	55.59 5.28 0.00	61.21 5.72 -1.55	65.57 5.79 -3.03	73.92 6.66 -3.79	94.91 8.39 -10.96	94.29 9.09 -5.46	115.60 11.22 -5.97	97.55 9.17 -0.16	67.87 6.06 1.32	61.88 5.31 0.50	53.13 4.70 -0.01	46.15 4.04 0.00	41.32 3.72 -0.01
RAVENSWOOD_GT_5 24254	40.62 3.69 -0.34	35.23 3.20 -0.01	34.50 2.86 -0.20	33.06 2.78 -0.05	33.05 2.69 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.25 3.79 -0.38	42.75 4.20 0.00	45.18 4.24 -0.59	47.93 4.55 0.00	55.59 5.28 0.00	61.21 5.72 -1.55	65.57 5.79 -3.03	73.92 6.66 -3.79	94.91 8.39 -10.96	94.29 9.09 -5.46	115.60 11.22 -5.97	97.55 9.17 -0.16	67.87 6.06 1.32	61.88 5.31 0.50	53.13 4.70 -0.01	46.15 4.04 0.00	41.32 3.72 -0.01
RAVENSWOOD_GT_6 24253	40.62 3.69 -0.34	35.23 3.20 -0.01	34.50 2.86 -0.20	33.06 2.78 -0.05	33.05 2.69 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.25 3.79 -0.38	42.75 4.20 0.00	45.18 4.24 -0.59	47.93 4.55 0.00	55.59 5.28 0.00	61.21 5.72 -1.55	65.57 5.79 -3.03	73.92 6.66 -3.79	94.91 8.39 -10.96	94.29 9.09 -5.46	115.60 11.22 -5.97	97.55 9.17 -0.16	67.87 6.06 1.32	61.88 5.31 0.50	53.13 4.70 -0.01	46.15 4.04 0.00	41.32 3.72 -0.01
RAVENSWOOD_GT_7 24255	40.62 3.69 -0.34	35.23 3.20 -0.01	34.50 2.86 -0.20	33.06 2.78 -0.05	33.05 2.69 -0.19	35.02 2.82 -0.11	36.33 3.27 0.00	40.25 3.79 -0.38	42.75 4.20 0.00	45.18 4.24 -0.59	47.93 4.55 0.00	55.59 5.28 0.00	61.21 5.72 -1.55	65.57 5.79 -3.03	73.92 6.66 -3.79	94.91 8.39 -10.96	94.29 9.09 -5.46	115.60 11.22 -5.97	97.55 9.17 -0.16	67.87 6.06 1.32	61.88 5.31 0.50	53.13 4.70 -0.01	46.15 4.04 0.00	41.32 3.72 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.28 3.69 0.00	35.26 3.23 0.00	34.53 2.89 -0.20	33.06 2.78 -0.05	33.08 2.72 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.25 3.82 -0.34	42.75 4.20 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	61.21 5.72 -1.54	65.51 5.73 -3.03	73.92 6.66 -3.78	90.68 8.39 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.46 9.09 -0.15	69.19 6.06 0.00	62.32 5.25 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.35 3.76 0.00
RAVENSWOOD_GT_9 24257	40.28 3.69 0.00	35.26 3.23 0.00	34.53 2.89 -0.20	33.06 2.78 -0.05	33.08 2.72 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.25 3.82 -0.34	42.75 4.20 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	61.21 5.72 -1.54	65.51 5.73 -3.03	73.92 6.66 -3.78	90.68 8.39 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.46 9.09 -0.15	69.19 6.06 0.00	62.32 5.25 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.35 3.76 0.00

RAVENSWOOD___1 23533	40.47 3.88 -0.01	35.42 3.39 -0.01	34.65 3.02 -0.20	33.18 2.90 -0.05	33.20 2.84 -0.19	35.15 2.95 -0.11	36.43 3.37 0.00	40.86 4.00 -0.77	42.79 4.24 0.00	45.34 4.40 -0.59	48.02 4.64 0.00	55.49 5.18 0.00	61.09 5.61 -1.54	65.45 5.67 -3.02	73.72 6.48 -3.77	90.53 8.24 -6.72	94.12 8.93 -5.45	115.39 11.02 -5.96	97.25 8.91 -0.13	64.97 5.87 4.03	57.32 4.91 4.66	53.08 4.65 0.00	46.27 4.17 0.00	41.55 3.95 -0.01
RAVENSWOOD___2 23534	40.40 3.80 -0.01	35.36 3.33 -0.01	34.56 2.92 -0.20	33.11 2.84 -0.05	33.11 2.75 -0.19	35.09 2.89 -0.11	36.36 3.30 0.00	40.78 3.93 -0.77	42.71 4.16 0.00	45.26 4.32 -0.59	47.88 4.51 0.00	55.04 4.73 0.00	60.66 5.18 -1.54	64.94 5.16 -3.02	73.15 5.90 -3.77	89.92 7.63 -6.72	93.41 8.21 -5.45	114.51 10.14 -5.96	96.45 8.11 -0.13	64.34 5.30 4.09	56.79 4.45 4.73	52.74 4.31 0.00	46.19 4.08 0.00	41.48 3.87 -0.01
RAVENSWOOD___3 23535	40.32 3.73 0.00	35.29 3.27 0.00	34.53 2.89 -0.20	33.09 2.81 -0.05	33.08 2.72 -0.19	35.05 2.85 -0.11	36.33 3.27 0.00	40.32 3.86 -0.38	42.68 4.13 0.00	45.22 4.28 -0.59	47.93 4.55 0.00	55.54 5.23 0.00	61.20 5.72 -1.54	65.51 5.73 -3.03	73.86 6.60 -3.78	90.60 8.31 -6.72	94.20 9.01 -5.45	115.49 11.12 -5.96	97.44 9.09 -0.13	69.13 6.00 0.00	62.26 5.19 0.00	53.12 4.70 0.00	46.15 4.04 0.00	41.39 3.80 0.00
RAVENSWOOD___4 23820	40.02 3.88 0.44	35.38 3.36 0.01	34.62 2.99 -0.20	33.17 2.90 -0.04	33.17 2.81 -0.19	35.12 2.92 -0.11	36.39 3.34 0.00	40.46 4.00 -0.37	42.75 4.20 0.00	45.30 4.36 -0.59	48.02 4.64 0.00	55.44 5.13 0.00	61.08 5.61 -1.52	65.38 5.62 -3.01	73.64 6.41 -3.76	84.98 8.16 -1.25	94.03 8.85 -5.45	115.29 10.92 -5.95	97.15 8.82 -0.11	62.57 5.80 6.36	53.30 4.91 8.68	53.07 4.65 0.01	46.27 4.17 0.00	41.53 3.95 0.01
RCPL_TRUST___DRP 24196	40.24 3.66 0.00	35.23 3.20 0.00	34.50 2.86 -0.20	33.06 2.78 -0.05	33.05 2.69 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.28 3.82 -0.38	42.83 4.28 0.00	45.26 4.32 -0.59	48.06 4.68 0.00	55.69 5.38 0.00	61.37 5.88 -1.54	65.74 5.96 -3.03	74.24 6.98 -3.78	90.98 8.69 -6.72	94.60 9.41 -5.45	115.99 11.61 -5.96	97.81 9.44 -0.15	69.44 6.31 0.00	62.43 5.36 0.00	53.17 4.75 0.00	46.19 4.08 0.00	41.35 3.76 0.00
RED___ROCHESTER 323720	36.37 -0.22 0.00	31.54 -0.48 0.00	31.02 -0.44 -0.02	29.66 -0.58 -0.01	29.59 -0.60 -0.02	31.52 -0.58 -0.01	32.42 -0.63 0.00	35.29 -0.83 -0.04	37.70 -0.81 0.04	39.41 -1.01 -0.07	42.33 -1.04 0.00	48.99 -1.06 0.26	52.27 -0.97 0.70	55.18 -0.68 0.89	60.44 -1.52 1.50	71.73 -2.12 1.72	74.99 -2.39 2.35	93.64 -2.95 1.82	84.97 -1.41 1.84	60.20 -0.88 2.05	55.70 -0.57 0.80	47.70 -0.73 0.00	41.89 -0.21 0.00	37.41 -0.19 0.00
REGAN___SOLAR 323812	42.07 5.49 0.00	36.70 4.68 0.00	36.07 4.34 -0.29	34.44 4.14 -0.07	34.44 3.98 -0.28	36.80 4.55 -0.16	37.94 4.89 0.00	41.65 5.01 -0.55	44.25 5.70 0.00	46.86 5.65 -0.86	49.45 6.07 0.00	57.45 7.14 0.00	64.34 7.61 -2.79	70.05 7.83 -5.47	78.86 8.57 -6.82	97.67 10.50 -11.61	100.18 10.61 -9.84	124.22 15.06 -10.75	103.43 14.91 -0.30	73.80 10.67 0.00	66.26 9.19 0.00	56.13 7.70 0.00	48.80 6.70 0.00	43.16 5.56 0.00
RENSSELAER___COGEN 23796	37.90 1.32 0.00	33.21 1.19 0.00	32.76 1.07 -0.26	31.32 1.03 -0.06	31.45 1.03 -0.25	33.35 1.12 -0.14	34.21 1.16 0.00	37.79 1.23 -0.48	39.90 1.35 0.00	42.56 1.45 -0.76	44.93 1.56 0.00	51.97 1.66 0.00	29.26 1.67 26.36	6.77 1.76 51.74	0.95 2.03 64.55	-9.19 2.64 87.40	-10.58 2.79 93.11	0.02 3.35 101.74	88.42 2.82 2.62	65.09 1.96 0.00	58.78 1.71 0.00	49.88 1.45 0.00	43.45 1.35 0.00	38.83 1.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.36 5.78 0.00	36.89 4.87 0.00	36.16 4.46 -0.26	34.49 4.20 -0.06	34.50 4.07 -0.26	36.85 4.62 -0.14	37.94 4.89 0.00	41.60 5.02 -0.50	44.10 5.55 0.00	46.67 5.53 -0.78	48.97 5.60 0.00	57.35 7.04 0.00	67.26 7.17 -6.14	76.17 7.38 -12.05	85.99 7.49 -15.03	107.48 9.14 -22.77	111.14 9.73 -21.68	134.70 12.60 -23.69	101.44 12.61 -0.61	72.22 9.09 0.00	65.29 8.22 0.00	55.69 7.26 0.00	48.17 6.06 0.00	42.52 4.92 0.00
REVERE_CPFR_DRP 24186	38.66 1.72 -0.36	33.71 1.44 -0.24	33.04 1.35 -0.26	31.58 1.18 -0.17	31.51 1.18 -0.16	33.80 1.38 -0.33	34.88 1.49 -0.34	38.07 1.55 -0.44	40.74 1.70 -0.49	42.69 1.78 -0.56	45.82 1.91 -0.54	53.09 2.21 -0.57	56.85 2.37 -0.54	59.90 2.61 -0.54	66.36 2.86 -0.03	79.07 3.17 -0.33	83.37 3.51 -0.12	103.25 4.33 -0.51	92.95 4.32 -0.41	66.96 3.54 -0.30	60.85 3.20 -0.59	51.53 2.62 -0.49	44.63 2.15 -0.38	39.49 1.80 -0.09
REYNOLDS_115KV_TB3 80639	38.23 1.65 0.00	33.50 1.47 0.00	33.04 1.35 -0.26	31.59 1.30 -0.06	31.72 1.30 -0.25	33.61 1.38 -0.14	34.51 1.45 0.00	38.12 1.55 -0.48	40.28 1.73 0.00	42.93 1.82 -0.76	45.37 2.00 0.00	52.57 2.26 0.00	75.35 2.37 -19.03	96.54 2.44 -37.35	112.93 2.86 -46.60	145.50 3.55 -66.38	150.70 3.75 -67.22	176.39 4.53 -73.45	94.00 3.88 -1.90	65.84 2.71 0.00	59.41 2.34 0.00	50.46 2.03 0.00	43.79 1.68 0.00	39.10 1.50 0.00
RIVERBAY____ 323610	40.98 4.39 -0.01	35.94 3.91 -0.01	35.20 3.55 -0.21	33.73 3.45 -0.05	33.72 3.35 -0.20	35.57 3.37 -0.11	36.75 3.70 0.00	40.75 4.29 -0.37	43.25 4.70 0.00	45.67 4.72 -0.59	48.40 5.03 0.00	55.89 5.58 0.00	61.63 6.15 -1.54	66.13 6.36 -3.02	74.42 7.17 -3.77	91.28 8.99 -6.72	94.92 9.73 -5.45	116.48 12.10 -5.96	98.42 10.06 -0.15	70.00 6.88 0.01	63.22 6.16 0.01	53.61 5.18 0.00	46.90 4.80 0.00	42.08 4.47 -0.01
RIVERSIDE_115KV_TB3 55908	38.08 1.50 0.00	33.37 1.34 0.00	32.92 1.23 -0.26	31.47 1.18 -0.06	31.60 1.18 -0.25	33.51 1.28 -0.14	34.37 1.32 0.00	37.94 1.37 -0.49	40.13 1.58 0.00	42.77 1.65 -0.76	45.19 1.82 0.00	52.32 2.01 0.00	57.24 2.10 -1.20	61.31 2.21 -2.35	68.94 2.54 -2.93	84.79 3.25 -5.97	87.31 3.35 -4.23	107.07 4.03 -4.62	91.95 3.62 -0.12	65.65 2.53 0.00	59.24 2.17 0.00	50.32 1.89 0.00	43.70 1.60 0.00	39.02 1.43 0.00
ROARING___BROOK_WT_PWR 323790	36.00 -0.59 0.00	31.51 -0.51 0.00	30.97 -0.47 0.00	29.75 -0.48 0.00	29.70 -0.48 -0.01	31.57 -0.51 0.00	32.52 -0.53 0.00	34.82 -1.26 0.00	37.13 -1.39 0.04	38.94 -1.41 0.00	39.80 -1.47 2.10	38.16 -1.66 10.49	42.54 -1.78 9.63	45.22 -1.93 9.60	20.20 -2.16 41.12	23.11 -2.49 49.97	20.95 -2.71 56.07	21.46 -3.25 73.71	26.32 -3.00 58.90	53.47 -2.08 7.58	54.24 -1.77 1.06	42.30 -1.55 4.57	40.74 -1.35 0.01	24.20 -1.20 12.19
ROCHESRG_115KV_T4 355643	35.74 -0.84 0.00	31.13 -0.90 0.00	30.48 -0.97 -0.02	29.24 -1.00 -0.01	29.17 -1.03 -0.02	31.04 -1.06 -0.01	31.96 -1.09 0.00	34.90 -1.23 -0.04	36.97 -1.54 0.04	38.89 -1.53 -0.07	41.77 -1.60 0.00	48.33 -1.71 0.27	51.50 -1.73 0.71	54.37 -1.48 0.91	59.53 -2.41 1.53	70.79 -3.02 1.75	73.99 -3.35 2.39	92.63 -3.94 1.85	83.88 -2.47 1.87	59.53 -1.52 2.08	55.17 -1.08 0.81	47.07 -1.36 0.00	41.35 -0.76 0.00	37.07 -0.53 0.00

ROCHESTER_9_IC 23652	36.00 -0.59 0.00	31.32 -0.70 0.00	30.67 -0.79 -0.02	29.42 -0.82 -0.01	29.32 -0.88 -0.02	31.23 -0.87 -0.01	32.16 -0.89 0.00	35.11 -1.01 -0.04	37.24 -1.27 0.04	39.17 -1.25 -0.07	42.07 -1.30 0.00	48.69 -1.36 0.26	51.95 -1.29 0.70	54.78 -1.08 0.89	60.00 -1.97 1.50	71.28 -2.57 1.72	74.59 -2.79 2.35	93.25 -3.35 1.82	84.44 -1.94 1.84	59.94 -1.14 2.05	55.58 -0.68 0.80	47.41 -1.02 0.00	41.64 -0.46 0.00	37.29 -0.30 0.00
ROCKVIEW_13_KV_LD 356306	40.17 3.59 0.00	35.16 3.14 0.00	34.43 2.80 -0.20	32.99 2.72 -0.05	33.02 2.66 -0.19	34.99 2.79 -0.11	36.26 3.21 0.00	40.18 3.72 -0.38	42.64 4.09 0.00	45.10 4.16 -0.59	47.93 4.55 0.00	55.59 5.28 0.00	61.21 5.72 -1.54	65.68 5.90 -3.03	74.17 6.92 -3.78	90.90 8.61 -6.72	94.44 9.25 -5.46	115.89 11.51 -5.96	97.90 9.53 -0.15	69.51 6.38 0.00	62.55 5.48 0.00	53.22 4.79 0.00	46.15 4.04 0.00	41.28 3.68 0.00
ROME____115KV_TB2 80656	38.66 1.72 -0.36	33.71 1.44 -0.24	33.04 1.35 -0.26	31.58 1.18 -0.17	31.51 1.18 -0.16	33.80 1.38 -0.33	34.88 1.49 -0.34	38.07 1.55 -0.44	40.74 1.70 -0.49	42.69 1.78 -0.56	45.82 1.91 -0.54	53.09 2.21 -0.57	56.85 2.37 -0.54	59.90 2.61 -0.54	66.36 2.86 -0.03	79.07 3.17 -0.33	83.37 3.51 -0.12	103.25 4.33 -0.51	92.95 4.32 -0.41	66.96 3.54 -0.30	60.85 3.20 -0.59	51.53 2.62 -0.49	44.63 2.15 -0.38	39.49 1.80 -0.09
ROSETON____1 23587	39.33 2.75 0.00	34.43 2.40 0.00	33.80 2.17 -0.20	32.39 2.12 -0.05	32.42 2.05 -0.19	34.35 2.15 -0.11	35.46 2.41 0.00	39.28 2.82 -0.38	41.56 3.01 0.00	44.01 3.07 -0.59	46.71 3.34 0.00	54.18 3.87 0.00	59.52 4.21 -1.36	63.74 4.31 -2.68	71.83 5.01 -3.34	87.95 6.27 -6.11	91.33 6.77 -4.82	112.04 8.36 -5.27	95.22 6.89 -0.12	67.73 4.61 0.00	61.06 3.99 0.00	51.92 3.49 0.00	45.01 2.90 0.00	40.38 2.78 0.00
ROSETON____2 23588	39.33 2.75 0.00	34.43 2.40 0.00	33.80 2.17 -0.20	32.39 2.12 -0.05	32.42 2.05 -0.19	34.35 2.15 -0.11	35.46 2.41 0.00	39.28 2.82 -0.38	41.56 3.01 0.00	44.01 3.07 -0.59	46.71 3.34 0.00	54.18 3.87 0.00	59.52 4.21 -1.36	63.74 4.31 -2.68	71.83 5.01 -3.34	87.95 6.27 -6.11	91.33 6.77 -4.82	112.04 8.36 -5.27	95.22 6.89 -0.12	67.73 4.61 0.00	61.06 3.99 0.00	51.92 3.49 0.00	45.01 2.90 0.00	40.38 2.78 0.00
ROTTDAM_115KV_TB3 80664	38.41 1.83 0.00	33.62 1.60 0.00	33.21 1.51 -0.27	31.74 1.45 -0.06	31.85 1.42 -0.26	33.77 1.54 -0.15	34.67 1.62 0.00	38.25 1.66 -0.51	40.40 1.85 0.00	43.04 1.90 -0.79	45.41 2.04 0.00	52.67 2.36 0.00	59.66 2.54 -3.18	65.60 2.61 -6.24	74.18 2.92 -7.78	91.88 3.55 -12.77	94.71 3.75 -11.22	115.50 4.82 -12.27	93.03 4.50 -0.32	66.35 3.22 0.00	59.92 2.85 0.00	50.90 2.47 0.00	44.17 2.06 0.00	39.40 1.80 0.00
RUSSELL____1 23602	36.22 -0.37 0.00	31.48 -0.54 0.00	30.83 -0.63 -0.02	29.54 -0.70 -0.01	29.47 -0.72 -0.02	31.40 -0.71 -0.01	32.29 -0.76 0.00	35.33 -0.79 -0.04	37.47 -1.04 0.04	39.41 -1.01 -0.07	42.33 -1.04 0.00	48.99 -1.06 0.26	52.27 -0.97 0.70	55.18 -0.68 0.89	60.32 -1.65 1.50	71.65 -2.19 1.72	74.99 -2.39 2.35	93.64 -2.95 1.82	84.97 -1.41 1.84	60.26 -0.82 2.05	55.98 -0.29 0.80	47.70 -0.73 0.00	41.89 -0.21 0.00	37.48 -0.11 0.00
RUSSELL____2 23532	36.22 -0.37 0.00	31.48 -0.54 0.00	30.83 -0.63 -0.02	29.54 -0.70 -0.01	29.47 -0.72 -0.02	31.40 -0.71 -0.01	32.29 -0.76 0.00	35.33 -0.79 -0.04	37.47 -1.04 0.04	39.41 -1.01 -0.07	42.33 -1.04 0.00	48.99 -1.06 0.26	52.27 -0.97 0.70	55.18 -0.68 0.89	60.32 -1.65 1.50	71.65 -2.19 1.72	74.99 -2.39 2.35	93.64 -2.95 1.82	84.97 -1.41 1.84	60.26 -0.82 2.05	55.98 -0.29 0.80	47.70 -0.73 0.00	41.89 -0.21 0.00	37.48 -0.11 0.00
RUSSELL____3 23549	36.22 -0.37 0.00	31.48 -0.54 0.00	30.83 -0.63 -0.02	29.54 -0.70 -0.01	29.47 -0.72 -0.02	31.40 -0.71 -0.01	32.29 -0.76 0.00	35.33 -0.79 -0.04	37.47 -1.04 0.04	39.41 -1.01 -0.07	42.33 -1.04 0.00	48.99 -1.06 0.26	52.27 -0.97 0.70	55.18 -0.68 0.89	60.32 -1.65 1.50	71.65 -2.19 1.72	74.99 -2.39 2.35	93.64 -2.95 1.82	84.97 -1.41 1.84	60.26 -0.82 2.05	55.98 -0.29 0.80	47.70 -0.73 0.00	41.89 -0.21 0.00	37.48 -0.11 0.00
RUSSELL____4 23556	36.22 -0.37 0.00	31.48 -0.54 0.00	30.83 -0.63 -0.02	29.54 -0.70 -0.01	29.47 -0.72 -0.02	31.40 -0.71 -0.01	32.29 -0.76 0.00	35.33 -0.79 -0.04	37.47 -1.04 0.04	39.41 -1.01 -0.07	42.33 -1.04 0.00	48.99 -1.06 0.26	52.27 -0.97 0.70	55.18 -0.68 0.89	60.32 -1.65 1.50	71.65 -2.19 1.72	74.99 -2.39 2.35	93.64 -2.95 1.82	84.97 -1.41 1.84	60.26 -0.82 2.05	55.98 -0.29 0.80	47.70 -0.73 0.00	41.89 -0.21 0.00	37.48 -0.11 0.00
RUSSELL____STATION 23914	36.22 -0.37 0.00	31.48 -0.54 0.00	30.83 -0.63 -0.02	29.54 -0.70 -0.01	29.47 -0.72 -0.02	31.40 -0.71 -0.01	32.29 -0.76 0.00	35.33 -0.79 -0.04	37.47 -1.04 0.04	39.41 -1.01 -0.07	42.33 -1.04 0.00	48.99 -1.06 0.26	52.27 -0.97 0.70	55.18 -0.68 0.89	60.32 -1.65 1.50	71.65 -2.19 1.72	74.99 -2.39 2.35	93.64 -2.95 1.82	84.97 -1.41 1.84	60.26 -0.82 2.05	55.98 -0.29 0.80	47.70 -0.73 0.00	41.89 -0.21 0.00	37.48 -0.11 0.00
S SALMON____HYD 24043	37.76 -0.66 -1.83	32.71 -0.54 -1.23	32.14 -0.56 -1.27	30.52 -0.64 -0.93	30.42 -0.64 -0.89	33.16 -0.58 -1.65	34.20 -0.56 -1.71	37.50 -0.72 -2.14	40.27 -0.81 -2.54	42.20 -0.89 -2.74	45.15 -1.04 -2.82	52.78 -1.21 -3.68	56.67 -1.30 -4.02	59.78 -1.25 -4.28	65.90 -1.46 -3.88	79.82 -1.81 -6.07	83.91 -1.91 -6.09	104.38 -2.26 -8.22	93.60 -1.68 -7.06	66.65 -0.88 -4.40	60.34 -0.74 -4.02	50.40 -0.73 -2.70	43.40 -0.63 -1.93	37.89 -0.72 -1.01
S.PERRY__115KV_TB1 80734	36.14 -0.44 0.00	32.41 0.38 0.00	31.66 0.19 -0.03	30.33 0.09 -0.01	30.21 0.00 -0.03	32.30 0.19 -0.02	33.22 0.17 0.00	36.10 -0.04 -0.06	36.94 -1.58 0.03	38.55 -1.90 -0.09	41.42 -1.95 0.00	47.59 -2.52 0.20	50.86 -2.54 0.54	51.80 -4.26 0.69	56.85 -5.46 1.16	68.07 -6.27 1.23	71.14 -6.78 1.82	89.03 -7.97 1.41	81.06 -5.73 1.42	58.07 -3.47 1.59	53.94 -2.51 0.62	47.85 -0.58 0.00	42.06 -0.04 0.00	37.52 -0.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.12 -1.46 0.00	30.42 -1.60 0.00	29.70 -1.76 -0.03	28.60 -1.63 -0.01	28.45 -1.75 -0.03	30.31 -1.80 -0.02	31.20 -1.85 0.00	33.58 -2.56 -0.06	35.86 -2.66 0.03	37.20 -3.23 -0.07	40.42 -2.95 0.00	46.36 -3.72 0.23	49.50 -3.83 0.62	52.73 -3.23 0.78	57.46 -4.70 1.32	68.17 -5.97 1.43	71.38 -6.30 2.06	89.34 -7.48 1.59	81.40 -5.20 1.61	58.24 -3.09 1.79	53.51 -2.85 0.70	45.96 -2.47 0.00	40.76 -1.35 0.00	36.77 -0.83 0.00
SAWYER____23_KV_LOAD 55526	35.12 -1.46 0.00	30.42 -1.60 0.00	29.70 -1.76 -0.03	28.60 -1.63 -0.01	28.45 -1.75 -0.03	30.31 -1.80 -0.02	31.20 -1.85 0.00	33.58 -2.56 -0.06	35.86 -2.66 0.03	37.20 -3.23 -0.07	40.42 -2.95 0.00	46.36 -3.72 0.23	49.50 -3.83 0.62	52.73 -3.23 0.78	57.46 -4.70 1.32	68.17 -5.97 1.43	71.38 -6.30 2.06	89.34 -7.48 1.59	81.40 -5.20 1.61	58.24 -3.09 1.79	53.51 -2.85 0.70	45.96 -2.47 0.00	40.76 -1.35 0.00	36.77 -0.83 0.00

SELKIRK___I 23801	38.12 1.54 0.00	33.37 1.34 0.00	32.98 1.29 -0.25	31.53 1.24 -0.06	31.66 1.24 -0.25	33.54 1.32 -0.14	34.38 1.32 0.00	37.97 1.41 -0.48	40.05 1.50 0.00	42.68 1.57 -0.75	45.02 1.65 0.00	51.97 1.66 0.00	44.34 1.29 10.90	36.66 1.31 21.39	38.37 1.59 26.69	42.50 1.96 35.02	43.39 2.15 38.50	59.01 2.66 42.06	89.38 2.21 1.04	64.77 1.64 0.00	58.55 1.48 0.00	49.68 1.26 0.00	43.70 1.60 0.00	39.06 1.46 0.00
SELKIRK___II 23799	37.97 1.39 0.00	33.27 1.25 0.00	32.85 1.16 -0.25	31.43 1.15 -0.06	31.54 1.12 -0.25	33.45 1.22 -0.14	34.28 1.22 0.00	37.90 1.34 -0.48	39.98 1.43 0.00	42.60 1.49 -0.75	44.98 1.61 0.00	51.72 1.41 0.00	39.74 1.29 15.49	27.65 1.31 30.41	27.12 1.59 37.94	27.01 2.04 50.59	27.16 2.15 54.73	41.17 2.55 59.80	88.82 2.11 1.51	64.64 1.51 0.00	58.43 1.37 0.00	49.59 1.16 0.00	43.58 1.47 0.00	38.95 1.35 0.00
SENECA OSWGO___HYD 24041	38.66 -0.51 -2.59	33.32 -0.45 -1.75	32.75 -0.47 -1.79	31.05 -0.51 -1.33	30.96 -0.51 -1.29	33.94 -0.48 -2.33	34.98 -0.49 -2.42	38.49 -0.61 -3.02	41.49 -0.66 -3.59	43.53 -0.69 -3.86	46.72 -0.78 -4.13	55.36 -0.90 -5.95	59.50 -0.92 -6.48	62.79 -0.85 -6.89	70.95 -1.08 -8.56	86.50 -1.36 -12.29	91.16 -1.43 -12.86	113.58 -1.77 -16.94	101.21 -1.32 -14.31	69.50 -0.82 -7.19	62.25 -0.74 -5.93	51.87 -0.68 -4.12	44.37 -0.46 -2.73	39.31 -0.53 -2.24
SENECA___115KV_TB3 355854	35.60 -0.99 0.00	30.84 -1.18 0.00	30.02 -1.45 -0.03	28.94 -1.30 -0.01	28.76 -1.45 -0.03	30.69 -1.41 -0.02	31.63 -1.42 0.00	33.94 -2.20 -0.06	36.47 -2.04 0.03	37.61 -2.82 -0.08	41.12 -2.26 0.00	46.87 -3.22 0.22	50.12 -3.24 0.59	53.45 -2.55 0.75	58.27 -3.94 1.27	69.07 -5.14 1.36	72.33 -5.42 1.98	90.49 -6.40 1.53	82.53 -4.15 1.54	58.94 -2.46 1.72	54.11 -2.28 0.67	46.68 -1.74 0.00	41.39 -0.72 0.00	37.29 -0.30 0.00
SENECA___ENERGY 23797	37.51 0.00 -0.93	32.55 -0.10 -0.63	31.91 -0.19 -0.66	30.47 -0.24 -0.48	30.38 -0.27 -0.48	32.77 -0.16 -0.84	33.79 -0.13 -0.87	37.10 -0.11 -1.12	39.75 -0.08 -1.28	41.64 -0.16 -1.44	44.60 -0.26 -1.49	52.01 -0.30 -2.00	55.56 -0.32 -1.93	58.61 -0.11 -1.98	65.32 -0.38 -2.23	78.37 -0.68 -3.49	82.23 -0.80 -3.29	102.07 -1.38 -5.04	92.13 -0.18 -4.09	64.60 0.06 -1.41	58.85 0.11 -1.67	49.95 0.05 -1.48	43.38 0.30 -0.98	38.47 0.08 -0.80
SHOEMAKER___GT 23640	39.11 2.52 0.00	34.23 2.21 0.00	33.63 2.01 -0.18	32.23 1.96 -0.04	32.25 1.90 -0.17	34.14 1.96 -0.10	35.23 2.18 0.00	38.91 2.49 -0.34	41.21 2.66 0.00	43.54 2.66 -0.52	46.32 2.95 0.00	53.68 3.37 0.00	58.84 3.72 -1.17	62.91 3.86 -2.30	70.85 4.51 -2.87	86.53 5.67 -5.30	89.94 6.06 -4.14	110.52 7.58 -4.53	94.67 6.36 -0.10	67.48 4.35 0.00	60.83 3.77 0.00	51.67 3.25 0.00	44.84 2.74 0.00	40.11 2.52 0.00
SHOEMAKR_138KV_BK 111 55601	39.07 2.49 0.00	34.20 2.18 0.00	33.62 2.01 -0.18	32.20 1.93 -0.04	32.21 1.87 -0.17	34.14 1.96 -0.10	35.27 2.21 0.00	38.87 2.45 -0.33	41.25 2.70 0.00	43.58 2.70 -0.52	46.32 2.95 0.00	53.73 3.42 0.00	58.87 3.78 -1.15	62.87 3.86 -2.26	70.87 4.57 -2.82	86.45 5.67 -5.22	89.95 6.14 -4.07	110.44 7.58 -4.45	94.68 6.35 -0.12	67.48 4.36 0.00	60.83 3.77 0.00	51.67 3.24 0.00	44.80 2.69 0.00	40.11 2.52 0.00
SHOREHAM_IC_1 23715	44.08 4.35 -3.15	43.33 3.84 -7.46	42.47 3.52 -7.51	41.67 3.38 -8.06	41.59 3.29 -8.12	41.90 3.50 -6.31	42.11 3.96 -5.10	42.71 4.55 -2.08	43.36 4.70 -0.11	45.30 4.36 -0.59	53.43 5.51 -4.54	135.22 6.34 -78.58	135.21 6.91 -74.36	149.67 7.27 -85.65	149.60 8.38 -77.75	283.58 10.35 -197.66	286.04 11.01 -195.30	276.87 13.78 -164.68	286.96 11.73 -187.01	277.92 7.83 -206.97	145.18 6.62 -81.50	142.61 5.76 -88.43	50.37 4.80 -3.47	41.81 4.21 0.00
SHOREHAM_IC_2 23716	44.08 4.35 -3.15	43.33 3.84 -7.46	42.47 3.52 -7.51	41.67 3.38 -8.06	41.59 3.29 -8.12	41.90 3.50 -6.31	42.11 3.96 -5.10	42.71 4.55 -2.08	43.36 4.70 -0.11	45.30 4.36 -0.59	53.43 5.51 -4.54	135.22 6.34 -78.58	135.21 6.91 -74.36	149.67 7.27 -85.65	149.60 8.38 -77.75	283.58 10.35 -197.66	286.04 11.01 -195.30	276.87 13.78 -164.68	286.96 11.73 -187.01	277.92 7.83 -206.97	145.18 6.62 -81.50	142.61 5.76 -88.43	50.37 4.80 -3.47	41.81 4.21 0.00
SISSONVILLE____ 23735	34.37 -2.45 -0.24	30.07 -2.11 -0.16	29.62 -1.98 -0.16	28.32 -1.87 0.04	28.06 -1.84 0.27	30.38 -1.93 -0.21	31.29 -1.98 -0.22	34.23 -2.13 -0.28	36.44 -2.43 -0.32	38.13 -2.58 -0.36	39.82 -2.86 0.69	42.19 -3.27 4.85	46.00 -3.56 4.38	48.71 -3.69 4.35	38.93 -4.13 20.41	46.01 -4.91 24.64	46.89 -5.10 27.75	55.50 -6.50 36.42	53.25 -5.91 29.06	55.64 -4.10 3.38	53.35 -3.65 0.06	43.21 -3.24 1.97	39.31 -3.03 -0.24	28.80 -2.74 6.05
SITHE_IND_GS1 24169	28.38 -1.06 7.15	26.25 -0.96 4.82	25.61 -0.94 4.88	25.61 -0.94 3.68	25.65 -0.97 3.56	24.73 -0.96 6.40	25.39 -0.99 6.68	26.74 -1.12 8.23	27.28 -1.20 10.07	28.61 -1.25 10.49	30.61 -1.39 11.37	31.12 -1.61 17.58	31.22 -1.73 20.99	32.07 -1.70 22.98	31.12 -2.03 30.32	31.12 -2.49 41.95	31.12 -2.63 45.99	40.30 -3.25 54.87	37.78 -2.74 47.70	32.22 -1.89 29.02	35.48 -1.66 19.93	35.61 -1.45 11.36	33.44 -1.13 7.53	30.32 -1.09 6.18
SITHE_IND_GS2 24170	28.38 -1.06 7.15	26.25 -0.96 4.82	25.61 -0.94 4.88	25.61 -0.94 3.68	25.65 -0.97 3.56	24.73 -0.96 6.40	25.39 -0.99 6.68	26.74 -1.12 8.23	27.28 -1.20 10.07	28.61 -1.25 10.49	30.61 -1.39 11.37	31.12 -1.61 17.58	31.22 -1.73 20.99	32.07 -1.70 22.98	31.12 -2.03 30.32	31.12 -2.49 41.95	31.12 -2.63 45.99	40.30 -3.25 54.87	37.78 -2.74 47.70	32.22 -1.89 29.02	35.48 -1.66 19.93	35.61 -1.45 11.36	33.44 -1.13 7.53	30.32 -1.09 6.18
SITHE_IND_GS3 24171	28.38 -1.06 7.15	26.25 -0.96 4.82	25.61 -0.94 4.88	25.61 -0.94 3.68	25.65 -0.97 3.56	24.73 -0.96 6.40	25.39 -0.99 6.68	26.74 -1.12 8.23	27.28 -1.20 10.07	28.61 -1.25 10.49	30.61 -1.39 11.37	31.12 -1.61 17.58	31.22 -1.73 20.99	32.07 -1.70 22.98	31.12 -2.03 30.32	31.12 -2.49 41.95	31.12 -2.63 45.99	40.30 -3.25 54.87	37.78 -2.74 47.70	32.22 -1.89 29.02	35.48 -1.66 19.93	35.61 -1.45 11.36	33.44 -1.13 7.53	30.32 -1.09 6.18
SITHE_IND_GS4 24172	28.38 -1.06 7.15	26.25 -0.96 4.82	25.61 -0.94 4.88	25.61 -0.94 3.68	25.65 -0.97 3.56	24.73 -0.96 6.40	25.39 -0.99 6.68	26.74 -1.12 8.23	27.28 -1.20 10.07	28.61 -1.25 10.49	30.61 -1.39 11.37	31.12 -1.61 17.58	31.22 -1.73 20.99	32.07 -1.70 22.98	31.12 -2.03 30.32	31.12 -2.49 41.95	31.12 -2.63 45.99	40.30 -3.25 54.87	37.78 -2.74 47.70	32.22 -1.89 29.02	35.48 -1.66 19.93	35.61 -1.45 11.36	33.44 -1.13 7.53	30.32 -1.09 6.18
SITHE___BATAVIA 24024	36.25 -0.33 0.00	31.35 -0.67 0.00	30.68 -0.78 -0.03	29.45 -0.79 -0.01	29.30 -0.90 -0.03	31.27 -0.83 -0.01	32.19 -0.86 0.00	34.94 -1.19 -0.05	37.28 -1.24 0.03	38.73 -1.69 -0.07	41.55 -1.82 0.00	47.80 -2.26 0.24	51.02 -2.26 0.65	54.10 -1.82 0.83	59.03 -3.05 1.40	69.85 -4.16 1.56	73.08 -4.46 2.19	91.50 -5.22 1.69	83.51 -3.00 1.71	59.52 -1.70 1.91	54.90 -1.42 0.74	47.12 -1.31 0.00	41.68 -0.42 0.00	37.45 -0.15 0.00

SITHE___INDEPEND 23800	28.34 -1.10 7.15	26.25 -0.96 4.82	25.58 -0.97 4.88	25.58 -0.97 3.68	25.62 -1.00 3.56	24.70 -0.99 6.40	25.35 -1.02 6.68	26.70 -1.15 8.23	27.24 -1.23 10.07	28.57 -1.29 10.49	30.62 -1.39 11.37	31.12 -1.61 17.58	31.22 -1.73 20.99	32.07 -1.70 22.98	31.12 -2.03 30.32	31.12 -2.49 41.95	31.12 -2.63 45.99	40.30 -3.25 54.87	37.78 -2.73 47.70	32.28 -1.83 29.02	35.54 -1.60 19.93	35.61 -1.45 11.36	33.43 -1.14 7.53	30.36 -1.05 6.18
SITHE___MASSENA 23902	34.94 -1.65 0.00	30.68 -1.34 0.00	30.18 -1.26 0.00	28.85 -1.15 0.23	28.49 -1.12 0.57	30.87 -1.22 0.00	31.83 -1.22 0.00	34.71 -1.37 0.00	36.98 -1.54 0.02	38.66 -1.69 0.00	40.25 -1.82 1.31	41.71 -2.06 6.53	45.74 -2.21 5.99	48.44 -2.33 5.98	35.27 -2.61 25.60	41.35 -3.10 31.11	41.55 -3.27 34.91	48.48 -4.04 45.89	47.84 -3.70 36.67	55.76 -2.65 4.72	54.06 -2.34 0.66	43.50 -2.08 2.85	40.16 -1.94 0.01	28.32 -1.69 7.59
SITHE___OGDNSBRG 24021	35.08 -1.50 0.00	30.74 -1.28 0.00	30.27 -1.16 0.00	28.95 -1.09 0.19	28.69 -1.03 0.46	31.00 -1.09 0.00	31.93 -1.12 0.00	34.85 -1.23 0.00	36.95 -1.58 0.02	38.66 -1.69 0.00	40.26 -1.95 1.17	42.26 -2.21 5.83	46.27 -2.32 5.35	49.03 -2.38 5.34	37.96 -2.67 22.85	44.62 -3.17 27.77	45.22 -3.35 31.16	53.22 -4.23 40.96	51.69 -3.79 32.73	56.45 -2.46 4.21	54.37 -2.11 0.59	43.95 -1.94 2.54	40.16 -1.94 0.01	29.09 -1.73 6.77
SITHE___STERLING 23777	38.39 1.43 -0.38	33.50 1.22 -0.26	32.81 1.10 -0.27	31.42 1.00 -0.19	31.32 0.97 -0.18	33.59 1.15 -0.35	34.63 1.22 -0.36	37.88 1.34 -0.46	40.50 1.43 -0.52	42.45 1.49 -0.60	45.55 1.56 -0.61	52.97 1.86 -0.80	56.67 2.00 -0.73	59.69 2.21 -0.73	66.60 2.35 -0.77	79.47 2.64 -1.26	83.73 2.87 -1.13	103.96 3.64 -1.90	93.34 3.62 -1.51	66.42 2.91 -0.38	60.31 2.63 -0.61	51.17 2.13 -0.61	44.32 1.81 -0.40	39.43 1.51 -0.33
SLEIGHT__34_KV_TB1 80719	36.35 -0.48 -0.24	31.61 -0.58 -0.16	31.00 -0.63 -0.19	29.66 -0.70 -0.13	29.59 -0.72 -0.14	31.65 -0.67 -0.23	32.62 -0.66 -0.23	35.76 -0.65 -0.33	38.05 -0.81 -0.31	40.02 -0.77 -0.43	42.94 -0.82 -0.39	49.80 -0.86 -0.34	53.15 -0.81 -0.02	56.02 -0.62 0.11	61.73 -1.27 0.47	73.69 -1.59 0.29	77.11 -1.83 0.79	96.18 -2.26 -0.04	86.84 -1.15 0.23	61.35 -0.69 1.08	56.60 -0.34 0.13	48.14 -0.68 -0.39	42.11 -0.25 -0.26	37.51 -0.30 -0.21
SOUTH CAIRO___GT 23612	39.58 3.00 0.00	34.62 2.59 0.00	34.09 2.42 -0.24	32.58 2.30 -0.05	32.64 2.23 -0.23	34.66 2.44 -0.13	35.63 2.58 0.00	38.63 2.09 -0.45	41.25 2.70 0.00	43.24 2.18 -0.71	46.11 2.73 0.00	52.92 2.62 0.00	42.00 2.97 14.91	30.54 3.06 29.27	30.63 3.68 36.52	31.51 4.69 48.75	32.40 5.34 52.67	48.04 7.18 57.56	93.34 6.62 1.49	67.86 4.73 0.00	61.46 4.39 0.00	51.91 3.49 0.00	45.47 3.37 0.00	40.42 2.82 0.00
SOUTH HAMPTN___IC 23720	44.81 5.08 -3.15	43.93 4.45 -7.46	43.03 4.08 -7.51	42.16 3.87 -8.06	42.07 3.77 -8.12	42.41 4.01 -6.31	42.64 4.49 -5.10	43.36 5.20 -2.08	44.18 5.51 -0.11	46.23 5.28 -0.59	54.32 6.59 -4.35	133.53 7.70 -75.53	133.78 8.30 -71.53	148.18 8.80 -82.63	148.95 10.15 -75.32	278.38 12.39 -190.42	281.68 12.92 -189.03	273.50 16.14 -158.94	281.44 13.67 -179.56	270.73 9.34 -198.26	143.12 7.99 -78.07	140.05 6.92 -84.70	51.15 5.73 -3.32	42.64 5.04 0.00
SOUTHDOW__115KV_TB1 355954	36.44 -0.15 0.00	31.48 -0.54 0.00	30.59 -0.88 -0.03	29.48 -0.76 -0.01	29.27 -0.94 -0.03	31.40 -0.71 -0.02	32.52 -0.53 0.00	35.10 -1.05 -0.06	37.98 -0.54 0.03	38.87 -1.57 -0.09	42.77 -0.61 0.00	48.54 -1.56 0.21	51.93 -1.46 0.56	55.59 -0.45 0.70	60.57 -1.71 1.19	71.60 -2.72 1.24	75.17 -2.71 1.86	93.93 -3.05 1.44	85.62 -1.15 1.45	61.38 -0.13 1.62	56.32 -0.11 0.63	48.81 0.39 0.00	43.24 1.14 0.00	38.99 1.39 0.00
SOUTHOLD_69_KV_BK 2 55809	45.39 5.67 -3.14	44.44 4.96 -7.45	43.50 4.56 -7.50	42.54 4.26 -8.05	42.48 4.19 -8.11	42.82 4.43 -6.30	43.07 4.92 -5.09	43.78 5.63 -2.07	44.98 6.32 -0.11	47.04 6.09 -0.59	55.32 7.59 -4.35	134.77 8.90 -75.56	135.10 9.60 -71.56	149.68 10.27 -82.66	150.63 11.81 -75.35	280.28 14.21 -190.51	282.07 13.24 -189.10	273.47 16.04 -159.01	281.73 13.85 -179.66	272.23 10.73 -198.37	144.60 9.42 -78.11	141.27 8.09 -84.75	52.04 6.61 -3.32	43.39 5.79 0.00
SOUTHOLD___IC 23719	45.44 5.70 -3.15	44.45 4.96 -7.46	43.50 4.56 -7.51	42.58 4.29 -8.06	42.49 4.19 -8.12	42.86 4.46 -6.31	43.07 4.93 -5.10	43.86 5.70 -2.08	44.83 6.17 -0.11	47.00 6.05 -0.59	55.32 7.59 -4.35	134.78 8.91 -75.57	135.11 9.60 -71.57	149.70 10.27 -82.67	150.63 11.80 -75.36	280.28 14.20 -190.52	282.09 13.24 -189.11	273.96 16.53 -159.02	281.72 13.85 -179.65	272.23 10.73 -198.37	144.54 9.36 -78.11	141.27 8.09 -84.75	52.04 6.61 -3.32	43.43 5.83 0.00
SOUTH_FORK_WT_PWR 323839	45.29 5.56 -3.15	44.35 4.87 -7.46	43.38 4.43 -7.51	42.46 4.17 -8.06	42.37 4.07 -8.12	42.73 4.33 -6.31	42.91 4.76 -5.10	43.71 5.55 -2.08	44.72 6.05 -0.11	46.88 5.93 -0.59	55.19 7.46 -4.35	134.61 8.75 -75.55	134.99 9.50 -71.55	149.50 10.10 -82.65	150.43 11.62 -75.34	280.01 13.98 -190.46	282.52 13.72 -189.06	274.61 17.22 -158.98	282.10 14.29 -179.60	271.79 10.35 -198.31	144.28 9.13 -78.09	141.05 7.90 -84.73	51.87 6.44 -3.32	43.28 5.68 0.00
SPIERFLS_115KV_TB 1 80737	39.36 2.78 0.00	34.39 2.37 0.00	33.84 2.14 -0.26	32.28 2.00 -0.06	32.36 1.93 -0.26	34.45 2.21 -0.14	35.40 2.35 0.00	39.00 2.42 -0.50	41.36 2.81 0.00	43.96 2.82 -0.79	46.06 2.69 0.00	53.68 3.37 0.00	63.12 3.34 -5.83	71.49 3.29 -11.45	81.37 3.62 -14.28	101.76 4.46 -21.74	105.04 4.70 -20.60	127.12 6.20 -22.51	95.41 6.62 -0.58	67.93 4.80 0.00	61.52 4.45 0.00	52.20 3.78 0.00	45.22 3.12 0.00	40.11 2.52 0.00
ST LAWRENCE____ 23600	35.19 -1.39 0.00	30.84 -1.18 0.00	30.33 -1.10 0.00	29.22 -1.03 -0.02	29.22 -1.00 -0.04	31.00 -1.09 0.00	31.93 -1.12 0.00	34.82 -1.26 0.00	37.14 -1.39 0.02	38.90 -1.45 0.00	40.49 -1.52 1.37	41.71 -1.76 6.84	45.78 -1.89 6.28	48.45 -2.04 6.26	34.48 -2.22 26.77	40.38 -2.65 32.54	40.43 -2.79 36.51	46.95 -3.45 48.01	46.68 -3.17 38.37	55.85 -2.33 4.94	54.32 -2.05 0.69	43.65 -1.79 2.98	40.50 -1.60 0.01	28.22 -1.43 7.94
STATE_CA_115KV_115_LB 55624	38.19 1.61 0.00	33.46 1.44 0.00	33.01 1.32 -0.26	31.53 1.24 -0.06	31.66 1.24 -0.25	33.58 1.35 -0.14	34.47 1.42 0.00	38.05 1.48 -0.49	40.25 1.70 0.00	42.85 1.74 -0.77	45.28 1.91 0.00	52.47 2.16 0.00	56.21 2.27 0.00	59.08 2.33 0.00	66.20 2.73 0.00	80.90 3.40 -1.93	83.32 3.59 0.00	102.74 4.33 0.00	92.01 3.79 0.00	65.78 2.65 0.00	59.35 2.28 0.00	50.41 1.99 0.00	43.83 1.73 0.00	39.14 1.54 0.00
STATE_ST_34_KV_LOAD 55959	37.92 0.26 -1.08	32.91 0.16 -0.73	32.29 0.09 -0.76	30.85 0.06 -0.56	30.76 0.03 -0.55	33.20 0.13 -0.98	34.26 0.20 -1.01	37.60 0.22 -1.30	40.31 0.27 -1.49	42.31 0.28 -1.67	45.37 0.26 -1.73	52.98 0.30 -2.37	56.68 0.38 -2.36	59.70 0.51 -2.44	66.68 0.38 -2.83	80.27 0.38 -4.32	84.26 0.32 -4.20	104.95 0.39 -6.14	94.14 0.88 -5.04	65.85 0.76 -1.96	59.99 0.86 -2.07	50.77 0.63 -1.72	43.96 0.72 -1.14	38.98 0.45 -0.93

STATION 5_MISC_HYD 23604	36.15 -0.44 0.00	31.38 -0.64 0.00	30.86 -0.60 -0.02	29.51 -0.73 -0.01	29.47 -0.72 -0.02	31.36 -0.74 -0.01	32.26 -0.79 0.00	35.11 -1.01 -0.04	37.47 -1.04 0.04	39.17 -1.25 -0.07	42.07 -1.30 0.00	48.69 -1.36 0.26	51.94 -1.30 0.70	54.84 -1.02 0.89	60.07 -1.90 1.50	71.28 -2.57 1.72	74.59 -2.79 2.35	93.25 -3.35 1.82	84.44 -1.94 1.84	59.88 -1.20 2.05	55.35 -0.92 0.80	47.41 -1.02 0.00	41.64 -0.46 0.00	37.22 -0.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.77 -0.07 -0.26	31.94 -0.26 -0.18	31.32 -0.31 -0.20	29.98 -0.39 -0.14	29.87 -0.45 -0.15	31.95 -0.39 -0.25	32.93 -0.36 -0.24	36.10 -0.32 -0.35	38.46 -0.42 -0.34	40.41 -0.40 -0.46	43.41 -0.39 -0.42	50.29 -0.40 -0.39	53.63 -0.38 -0.07	56.59 -0.11 0.05	62.31 -0.76 0.40	74.39 -0.98 0.19	77.78 -1.28 0.68	96.91 -1.67 -0.17	87.67 -0.44 0.11	61.99 -0.13 1.01	57.22 0.23 0.08	48.65 -0.19 -0.42	42.55 0.17 -0.28	37.93 0.11 -0.23
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.85 -0.73 0.00	31.19 -0.83 0.00	30.58 -0.88 -0.02	29.30 -0.94 -0.01	29.23 -0.97 -0.02	31.14 -0.96 -0.01	32.06 -0.99 0.00	35.04 -1.08 -0.04	37.20 -1.31 0.04	39.13 -1.29 -0.07	42.03 -1.34 0.00	48.64 -1.41 0.26	51.85 -1.40 0.69	54.74 -1.13 0.88	59.96 -2.03 1.48	71.30 -2.57 1.70	74.54 -2.87 2.32	93.17 -3.44 1.80	84.38 -2.03 1.81	59.84 -1.26 2.02	55.42 -0.86 0.79	47.26 -1.16 0.00	41.51 -0.59 0.00	37.14 -0.45 0.00
STA_56___34_KV_BUS2 355983	35.85 -0.73 0.00	31.19 -0.83 0.00	30.58 -0.88 -0.02	29.30 -0.94 -0.01	29.23 -0.97 -0.02	31.14 -0.96 -0.01	32.06 -0.99 0.00	35.04 -1.08 -0.04	37.20 -1.31 0.04	39.13 -1.29 -0.07	42.03 -1.34 0.00	48.64 -1.41 0.26	51.85 -1.40 0.69	54.74 -1.13 0.88	59.96 -2.03 1.48	71.30 -2.57 1.70	74.54 -2.87 2.32	93.17 -3.44 1.80	84.38 -2.03 1.81	59.84 -1.26 2.02	55.42 -0.86 0.79	47.26 -1.16 0.00	41.51 -0.59 0.00	37.14 -0.45 0.00
STA_67___115KV_BK2 355882	35.89 -0.70 0.00	31.22 -0.80 0.00	30.61 -0.85 -0.02	29.36 -0.88 -0.01	29.26 -0.94 -0.02	31.17 -0.93 -0.01	32.06 -0.99 0.00	35.04 -1.08 -0.04	37.16 -1.35 0.04	39.09 -1.33 -0.07	41.94 -1.43 0.00	48.54 -1.51 0.26	51.78 -1.46 0.70	54.61 -1.25 0.89	59.81 -2.16 1.51	71.12 -2.72 1.73	74.35 -3.03 2.36	92.95 -3.64 1.82	84.26 -2.12 1.84	59.81 -1.26 2.05	55.41 -0.86 0.80	47.26 -1.16 0.00	41.51 -0.59 0.00	37.18 -0.41 0.00
STA_7___115KV_9TRANS 80674	36.22 -0.37 0.00	31.48 -0.54 0.00	30.83 -0.63 -0.02	29.54 -0.70 -0.01	29.47 -0.72 -0.02	31.40 -0.71 -0.01	32.29 -0.76 0.00	35.33 -0.79 -0.04	37.47 -1.04 0.04	39.41 -1.01 -0.07	42.33 -1.04 0.00	48.99 -1.06 0.26	52.27 -0.97 0.70	55.18 -0.68 0.89	60.32 -1.65 1.50	71.65 -2.19 1.72	74.99 -2.39 2.35	93.64 -2.95 1.82	84.97 -1.41 1.84	60.26 -0.82 2.05	55.98 -0.29 0.80	47.70 -0.73 0.00	41.89 -0.21 0.00	37.48 -0.11 0.00
STA_82___115KV_TB1 80780	35.92 -0.66 0.00	31.26 -0.77 0.00	30.61 -0.85 -0.02	29.36 -0.88 -0.01	29.26 -0.94 -0.02	31.17 -0.93 -0.01	32.09 -0.96 0.00	35.04 -1.08 -0.04	37.16 -1.35 0.04	39.09 -1.33 -0.07	41.94 -1.43 0.00	48.54 -1.51 0.26	51.79 -1.46 0.70	54.62 -1.25 0.88	59.83 -2.16 1.49	71.15 -2.72 1.70	74.46 -2.95 2.33	93.07 -3.54 1.80	84.28 -2.12 1.82	59.84 -1.26 2.03	55.42 -0.86 0.79	47.26 -1.16 0.00	41.56 -0.55 0.00	37.22 -0.38 0.00
STEEL___WIND 323596	35.74 -0.84 0.00	30.90 -1.12 0.00	29.96 -1.51 -0.03	29.06 -1.18 -0.01	28.76 -1.45 -0.03	30.73 -1.38 -0.02	31.76 -1.29 0.00	34.44 -1.70 -0.06	36.78 -1.73 0.03	38.25 -2.18 -0.08	41.07 -2.30 0.00	46.82 -3.27 0.22	50.06 -3.29 0.59	53.39 -2.61 0.75	58.40 -3.81 1.27	69.00 -5.21 1.36	72.25 -5.50 1.98	90.38 -6.50 1.53	82.44 -4.23 1.54	58.88 -2.53 1.72	53.71 -2.68 0.67	46.64 -1.79 0.00	41.35 -0.76 0.00	37.15 -0.45 0.00
STEPHTWN_115KV_BK_2 55603	38.45 1.87 0.00	33.62 1.60 0.00	33.17 1.48 -0.26	31.68 1.39 -0.06	31.81 1.39 -0.25	33.77 1.54 -0.14	34.67 1.62 0.00	38.26 1.70 -0.48	40.48 1.93 0.00	43.09 1.98 -0.76	45.54 2.17 0.00	52.67 2.36 0.00	30.06 2.48 26.36	7.57 2.55 51.74	1.84 2.92 64.55	-8.13 3.70 87.40	-9.46 3.91 93.11	1.60 4.92 101.74	89.91 4.32 2.63	66.10 2.97 0.00	59.69 2.63 0.00	50.65 2.23 0.00	44.12 2.02 0.00	39.36 1.77 0.00
STEUBEN_REC_LFGE 323667	36.97 0.04 -0.35	32.16 -0.10 -0.24	31.37 -0.35 -0.28	29.99 -0.42 -0.19	29.85 -0.54 -0.21	32.01 -0.42 -0.34	33.05 -0.33 -0.33	36.07 -0.51 -0.49	38.64 -0.39 -0.48	40.11 -0.89 -0.64	43.51 -0.43 -0.58	50.06 -0.91 -0.66	53.47 -0.92 -0.45	56.56 -0.57 -0.38	62.48 -1.21 -0.22	74.52 -1.81 -0.77	77.77 -2.23 -0.26	96.96 -2.56 -1.11	88.34 -0.62 -0.75	62.84 0.06 0.35	57.47 0.11 -0.28	49.42 0.44 -0.56	43.31 0.84 -0.37	38.65 0.75 -0.30
STILLWATER___SOLAR 323814	39.29 2.71 0.00	34.36 2.34 0.00	33.84 2.14 -0.26	32.35 2.06 -0.06	32.45 2.02 -0.25	34.44 2.21 -0.14	35.37 2.31 0.00	39.00 2.42 -0.50	41.25 2.70 0.00	43.96 2.82 -0.78	46.28 2.91 0.00	53.78 3.47 0.00	64.72 3.61 -7.16	74.55 3.74 -14.06	85.14 4.12 -17.54	106.87 5.06 -26.24	110.38 5.34 -25.30	132.95 6.89 -27.65	95.51 6.62 -0.68	67.87 4.74 0.00	61.35 4.28 0.00	52.11 3.68 0.00	45.09 2.99 0.00	40.19 2.59 0.00
STONY___BROOK 24151	44.24 4.50 -3.15	43.46 3.97 -7.47	42.59 3.64 -7.51	41.82 3.54 -8.06	41.74 3.44 -8.12	42.06 3.66 -6.31	42.25 4.10 -5.10	42.88 4.73 -2.08	43.44 4.78 -0.11	45.38 4.44 -0.59	54.17 5.20 -5.59	151.71 6.19 -95.22	150.49 6.74 -89.80	165.83 6.92 -102.16	162.48 8.00 -91.01	322.41 9.90 -236.95	319.51 10.61 -229.17	307.22 13.19 -195.62	326.80 11.12 -227.47	325.00 7.32 -254.55	163.53 6.22 -100.24	162.60 5.42 -108.75	51.04 4.67 -4.27	41.81 4.21 0.00
STURGEON_POOL_HYD 23609	39.66 3.07 0.00	34.71 2.69 0.00	34.09 2.45 -0.21	32.63 2.36 -0.05	32.70 2.32 -0.20	34.61 2.41 -0.11	35.73 2.68 0.00	39.29 2.81 -0.39	41.90 3.35 0.00	44.03 3.07 -0.61	47.06 3.69 0.00	54.64 4.33 0.00	56.13 5.02 2.83	56.29 5.11 5.56	62.56 6.03 6.94	74.99 7.48 8.06	77.86 8.13 10.01	97.51 10.04 10.94	96.23 8.29 0.28	68.56 5.43 0.00	61.75 4.68 0.00	52.45 4.02 0.00	45.39 3.28 0.00	40.68 3.08 0.00
ST_LAW_115_BK7_LBMP 345037	35.05 -1.54 0.00	30.74 -1.28 0.00	30.24 -1.19 0.00	29.13 -1.12 -0.02	29.14 -1.09 -0.05	30.90 -1.19 0.00	31.83 -1.22 0.00	34.71 -1.37 0.00	37.02 -1.50 0.02	38.78 -1.57 0.00	40.33 -1.69 1.35	41.58 -1.96 6.77	45.63 -2.10 6.21	48.34 -2.21 6.20	34.46 -2.48 26.53	40.38 -2.95 32.24	40.52 -3.03 36.18	47.01 -3.84 47.56	46.68 -3.53 38.01	55.71 -2.53 4.89	54.10 -2.28 0.69	43.49 -1.99 2.95	40.33 -1.77 0.01	28.15 -1.58 7.86
ST_LAW_115_BK8_LBMP 345038	35.05 -1.54 0.00	30.74 -1.28 0.00	30.24 -1.19 0.00	29.13 -1.12 -0.02	29.14 -1.09 -0.05	30.90 -1.19 0.00	31.83 -1.22 0.00	34.71 -1.37 0.00	37.02 -1.50 0.02	38.78 -1.57 0.00	40.33 -1.69 1.35	41.58 -1.96 6.77	45.63 -2.10 6.21	48.34 -2.21 6.20	34.46 -2.48 26.53	40.38 -2.95 32.24	40.52 -3.03 36.18	47.01 -3.84 47.56	46.68 -3.53 38.01	55.71 -2.53 4.89	54.10 -2.28 0.69	43.49 -1.99 2.95	40.33 -1.77 0.01	28.15 -1.58 7.86

ST_LAW_230_BK5_LBMP 345035	35.19 -1.39 0.00	30.84 -1.18 0.00	30.33 -1.10 0.00	29.21 -1.03 -0.01	29.21 -1.00 -0.03	31.00 -1.09 0.00	31.93 -1.12 0.00	34.82 -1.26 0.00	37.14 -1.39 0.02	38.90 -1.45 0.00	40.47 -1.52 1.38	41.63 -1.76 6.91	45.71 -1.89 6.34	48.38 -2.04 6.33	34.16 -2.22 27.09	40.00 -2.65 32.92	40.00 -2.79 36.94	46.40 -3.45 48.56	46.24 -3.17 38.81	55.80 -2.33 5.00	54.32 -2.05 0.70	43.62 -1.79 3.01	40.50 -1.60 0.01	28.14 -1.43 8.03
ST_LAW_230_BK6_LBMP 345036	35.19 -1.39 0.00	30.84 -1.18 0.00	30.33 -1.10 0.00	29.21 -1.03 -0.01	29.21 -1.00 -0.03	31.00 -1.09 0.00	31.93 -1.12 0.00	34.82 -1.26 0.00	37.14 -1.39 0.02	38.90 -1.45 0.00	40.47 -1.52 1.38	41.63 -1.76 6.91	45.71 -1.89 6.34	48.38 -2.04 6.33	34.16 -2.22 27.09	40.00 -2.65 32.92	40.00 -2.79 36.94	46.40 -3.45 48.56	46.24 -3.17 38.81	55.80 -2.33 5.00	54.32 -2.05 0.70	43.62 -1.79 3.01	40.50 -1.60 0.01	28.14 -1.43 8.03
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.40 2.82 0.00	34.49 2.47 0.00	33.85 2.23 -0.18	32.42 2.15 -0.04	32.43 2.08 -0.18	34.37 2.18 -0.10	35.53 2.48 0.00	39.24 2.81 -0.35	41.63 3.08 0.00	43.96 3.07 -0.54	46.76 3.38 0.00	54.28 3.97 0.00	59.55 4.37 -1.24	63.66 4.48 -2.43	71.77 5.27 -3.03	87.70 6.57 -5.55	91.20 7.10 -4.37	111.95 8.76 -4.78	95.66 7.32 -0.12	68.05 4.92 0.00	61.29 4.22 0.00	52.06 3.63 0.00	45.18 3.07 0.00	40.42 2.82 0.00
SWANROAD_115KV_TB1 355699	34.43 -2.16 0.00	29.85 -2.18 0.00	29.14 -2.33 -0.03	28.03 -2.21 -0.01	27.91 -2.29 -0.03	29.67 -2.44 -0.02	30.54 -2.51 0.00	32.85 -3.28 -0.05	34.97 -3.55 0.03	36.39 -4.04 -0.07	39.43 -3.95 0.00	45.29 -4.78 0.24	48.40 -4.91 0.63	51.41 -4.54 0.80	55.97 -6.16 1.35	66.30 -7.78 1.48	69.41 -8.21 2.11	86.94 -9.84 1.63	79.34 -7.23 1.65	56.74 -4.55 1.84	52.30 -4.05 0.72	44.84 -3.58 0.00	39.83 -2.27 0.00	36.09 -1.50 0.00
SYNERGY___BIOGAS 323694	36.25 -0.33 0.00	31.35 -0.67 0.00	30.68 -0.78 -0.03	29.45 -0.79 -0.01	29.30 -0.90 -0.03	31.27 -0.83 -0.01	32.19 -0.86 0.00	34.94 -1.19 -0.05	37.28 -1.24 0.03	38.73 -1.69 -0.07	41.55 -1.82 0.00	47.80 -2.26 0.24	51.02 -2.26 0.65	54.10 -1.82 0.83	59.03 -3.05 1.40	69.85 -4.16 1.56	73.08 -4.46 2.19	91.50 -5.22 1.69	83.51 -3.00 1.71	59.52 -1.70 1.91	54.90 -1.42 0.74	47.12 -1.31 0.00	41.68 -0.42 0.00	37.45 -0.15 0.00
SYRACUSE___ENERGY_ST1 323597	37.88 0.04 -1.26	32.87 0.00 -0.85	32.25 -0.06 -0.88	30.76 -0.12 -0.65	30.66 -0.15 -0.64	33.16 -0.06 -1.14	34.19 -0.03 -1.17	37.53 -0.04 -1.49	40.24 -0.04 -1.73	42.26 0.00 -1.91	45.12 -0.26 -2.00	52.75 -0.35 -2.79	56.50 -0.32 -2.88	59.47 -0.28 -3.01	66.61 -0.44 -3.58	80.30 -0.60 -5.34	84.37 -0.72 -5.35	105.05 -0.89 -7.52	93.93 -0.53 -6.24	65.52 -0.32 -2.71	59.52 -0.11 -2.57	50.28 -0.15 -2.00	43.64 0.21 -1.32	38.76 0.08 -1.09
SYRACUSE___ENERGY_ST2 323598	37.88 0.04 -1.26	32.87 0.00 -0.85	32.25 -0.06 -0.88	30.76 -0.12 -0.65	30.66 -0.15 -0.64	33.16 -0.06 -1.14	34.19 -0.03 -1.17	37.53 -0.04 -1.49	40.24 -0.04 -1.73	42.26 0.00 -1.91	45.12 -0.26 -2.00	52.75 -0.35 -2.79	56.50 -0.32 -2.88	59.47 -0.28 -3.01	66.61 -0.44 -3.58	80.30 -0.60 -5.34	84.37 -0.72 -5.35	105.05 -0.89 -7.52	93.93 -0.53 -6.24	65.52 -0.32 -2.71	59.52 -0.11 -2.57	50.28 -0.15 -2.00	43.64 0.21 -1.32	38.76 0.08 -1.09
SYRACUSE___POWER 24017	37.26 -0.18 -0.86	32.41 -0.19 -0.58	31.82 -0.22 -0.60	30.40 -0.27 -0.44	30.31 -0.30 -0.43	32.64 -0.22 -0.78	33.65 -0.20 -0.80	36.85 -0.25 -1.02	39.49 -0.23 -1.17	41.47 -0.20 -1.31	44.44 -0.30 -1.37	51.82 -0.30 -1.81	55.33 -0.32 -1.71	58.26 -0.23 -1.74	65.00 -0.38 -1.91	78.04 -0.53 -3.00	81.92 -0.64 -2.82	102.11 -0.79 -4.48	91.38 -0.44 -3.61	64.00 -0.25 -1.12	58.37 -0.17 -1.47	49.59 -0.19 -1.36	43.01 0.00 -0.90	38.22 -0.11 -0.74
TALLMAN___138KV_BK151 55660	39.77 3.18 0.00	34.81 2.79 0.00	34.11 2.48 -0.19	32.66 2.39 -0.04	32.68 2.32 -0.18	34.63 2.44 -0.10	35.86 2.81 0.00	39.65 3.21 -0.36	42.06 3.51 0.00	44.42 3.51 -0.56	47.23 3.86 0.00	54.84 4.53 0.00	60.26 4.96 -1.36	64.52 5.11 -2.66	72.76 5.97 -3.32	89.05 7.48 -6.01	92.58 8.05 -4.79	113.59 9.94 -5.23	96.55 8.20 -0.14	68.62 5.49 0.00	61.75 4.68 0.00	52.50 4.07 0.00	45.56 3.45 0.00	40.79 3.20 0.00
TEALLAVE_115KV_TB7 355573	37.09 -0.18 -0.69	32.30 -0.19 -0.47	31.71 -0.22 -0.49	30.31 -0.27 -0.36	30.22 -0.30 -0.35	32.49 -0.22 -0.63	33.47 -0.23 -0.65	36.62 -0.29 -0.83	39.22 -0.27 -0.94	41.18 -0.24 -1.07	44.18 -0.30 -1.11	51.43 -0.30 -1.43	54.90 -0.32 -1.28	57.79 -0.23 -1.27	64.41 -0.38 -1.32	77.20 -0.53 -2.16	81.02 -0.64 -1.93	100.98 -0.79 -3.36	90.42 -0.44 -2.64	63.48 -0.25 -0.60	57.97 -0.17 -1.07	49.34 -0.19 -1.10	42.79 -0.04 -0.73	38.04 -0.15 -0.60
TELGRAPH_34_KV_EAST 80808	35.27 -1.32 0.00	30.58 -1.44 0.00	29.86 -1.60 -0.03	28.69 -1.54 -0.01	28.57 -1.63 -0.03	30.44 -1.67 -0.01	31.30 -1.75 0.00	33.86 -2.27 -0.05	36.05 -2.47 0.03	37.56 -2.87 -0.07	40.64 -2.73 0.00	46.70 -3.37 0.24	49.85 -3.45 0.65	52.92 -3.01 0.82	57.65 -4.44 1.38	68.29 -5.74 1.53	71.43 -6.14 2.16	89.46 -7.28 1.67	81.68 -4.85 1.69	58.28 -2.97 1.88	53.88 -2.45 0.73	46.10 -2.32 0.00	40.84 -1.26 0.00	37.03 -0.56 0.00
TEMPLE___115KV_TB 2 55572	37.09 -0.18 -0.69	32.33 -0.16 -0.47	31.71 -0.22 -0.49	30.31 -0.27 -0.36	30.25 -0.27 -0.35	32.49 -0.22 -0.63	33.50 -0.20 -0.65	36.66 -0.25 -0.83	39.26 -0.23 -0.94	41.18 -0.24 -1.07	44.22 -0.26 -1.11	51.48 -0.25 -1.43	54.95 -0.27 -1.28	57.85 -0.17 -1.27	64.47 -0.32 -1.31	77.27 -0.45 -2.16	81.09 -0.56 -1.91	100.97 -0.79 -3.35	90.41 -0.44 -2.63	63.53 -0.19 -0.59	58.02 -0.11 -1.07	49.34 -0.19 -1.10	42.79 -0.04 -0.73	38.08 -0.11 -0.60
TIANA___69_KV_BK 1 55817	44.62 4.90 -3.14	43.80 4.32 -7.45	42.90 3.96 -7.50	42.06 3.78 -8.05	41.97 3.68 -8.11	42.31 3.91 -6.30	42.57 4.43 -5.09	43.17 5.02 -2.07	44.13 5.47 -0.11	46.07 5.12 -0.59	54.06 6.33 -4.35	133.26 7.40 -75.55	133.53 8.04 -71.55	147.92 8.51 -82.66	148.59 9.77 -75.34	278.00 11.94 -190.49	281.42 12.60 -189.09	272.86 15.45 -159.00	281.27 13.41 -179.65	270.50 9.03 -198.35	142.93 7.76 -78.10	139.85 6.68 -84.74	50.98 5.56 -3.32	42.45 4.85 0.00
TILDEN___115KV_TB1 80814	37.26 -0.18 -0.86	32.41 -0.19 -0.58	31.82 -0.22 -0.60	30.40 -0.27 -0.44	30.31 -0.30 -0.43	32.64 -0.22 -0.78	33.65 -0.20 -0.80	36.85 -0.25 -1.02	39.49 -0.23 -1.17	41.47 -0.20 -1.31	44.44 -0.30 -1.37	51.82 -0.30 -1.81	55.33 -0.32 -1.71	58.26 -0.23 -1.74	65.00 -0.38 -1.91	78.04 -0.53 -3.00	81.92 -0.64 -2.82	102.11 -0.79 -4.48	91.38 -0.44 -3.61	64.00 -0.25 -1.12	58.37 -0.17 -1.47	49.59 -0.19 -1.36	43.01 0.00 -0.90	38.22 -0.11 -0.74
TRIGEN___CC 323695	43.66 3.95 -3.13	42.92 3.46 -7.44	42.08 3.14 -7.50	41.30 3.02 -8.05	41.25 2.96 -8.11	41.51 3.11 -6.30	41.68 3.54 -5.09	42.19 4.04 -2.07	43.09 4.43 -0.11	45.18 4.24 -0.59	48.14 4.77 0.00	62.18 5.68 -6.19	67.32 6.20 -7.17	77.02 6.41 -13.85	90.98 7.43 -20.08	133.52 9.22 -48.73	176.09 9.89 -86.46	179.21 12.20 -68.59	131.43 10.23 -32.98	69.82 6.69 0.00	62.83 5.76 0.00	53.46 5.04 0.00	46.40 4.29 0.00	41.58 3.99 0.00

TRINITY__115KV__4 BK 55933	37.97 1.39 0.00	33.27 1.25 0.00	32.85 1.16 -0.26	31.38 1.09 -0.06	31.51 1.09 -0.25	33.42 1.19 -0.14	34.28 1.22 0.00	37.83 1.26 -0.49	40.01 1.46 0.00	42.65 1.53 -0.76	45.06 1.69 0.00	52.17 1.86 0.00	46.98 1.89 8.85	41.36 1.99 17.37	44.15 2.35 21.68	50.44 2.95 28.08	51.58 3.11 31.26	67.89 3.64 34.16	90.60 3.26 0.88	65.40 2.27 0.00	59.01 1.94 0.00	50.12 1.69 0.00	43.58 1.47 0.00	38.91 1.32 0.00
UNION__PROCESSING_DRP 323587	35.92 -0.66 0.00	31.26 -0.77 0.00	30.64 -0.82 -0.02	29.36 -0.88 -0.01	29.29 -0.91 -0.02	31.17 -0.93 -0.01	32.09 -0.96 0.00	35.08 -1.05 -0.04	37.16 -1.35 0.04	39.09 -1.33 -0.07	41.99 -1.39 0.00	48.59 -1.46 0.26	51.79 -1.46 0.69	54.68 -1.19 0.88	59.90 -2.09 1.48	71.15 -2.72 1.69	74.47 -2.95 2.32	93.08 -3.54 1.79	84.29 -2.12 1.81	59.85 -1.26 2.02	55.48 -0.80 0.79	47.31 -1.11 0.00	41.56 -0.55 0.00	37.22 -0.38 0.00
UPPER HUDSON__HYD 24058	39.36 2.78 0.00	34.39 2.37 0.00	33.84 2.14 -0.26	32.31 2.03 -0.06	32.39 1.96 -0.26	34.45 2.21 -0.14	35.40 2.35 0.00	39.04 2.45 -0.50	41.33 2.78 0.00	44.00 2.87 -0.79	46.06 2.69 0.00	53.68 3.37 0.00	63.12 3.35 -5.83	71.54 3.35 -11.45	81.31 3.55 -14.28	101.76 4.46 -21.74	105.04 4.70 -20.60	127.13 6.20 -22.51	95.40 6.62 -0.57	67.92 4.80 0.00	61.52 4.45 0.00	52.25 3.82 0.00	45.22 3.12 0.00	40.15 2.56 0.00
UPPER RAQUET__HYD 24056	34.26 -2.56 -0.24	30.00 -2.18 -0.16	29.52 -2.08 -0.16	28.26 -1.94 0.04	28.00 -1.90 0.27	30.28 -2.02 -0.21	31.29 -1.98 -0.22	34.13 -2.24 -0.28	36.40 -2.47 -0.32	38.05 -2.66 -0.36	39.82 -2.86 0.69	42.19 -3.27 4.85	46.00 -3.56 4.38	48.71 -3.69 4.35	38.87 -4.19 20.41	46.01 -4.91 24.64	46.88 -5.10 27.75	55.50 -6.50 36.42	53.25 -5.91 29.06	55.64 -4.10 3.38	53.35 -3.65 0.06	43.21 -3.24 1.97	39.31 -3.03 -0.24	28.84 -2.71 6.05
VALLEY44_115KV_TB2 355964	35.78 -0.80 0.00	31.06 -0.96 0.00	30.06 -1.41 -0.03	29.12 -1.12 -0.01	28.85 -1.36 -0.03	30.92 -1.19 -0.02	31.96 -1.09 0.00	33.87 -2.27 -0.07	37.13 -1.39 0.03	37.38 -3.07 -0.09	41.51 -1.87 0.00	46.59 -3.52 0.20	49.80 -3.61 0.53	53.13 -2.95 0.67	58.28 -4.06 1.13	69.11 -5.29 1.16	72.54 -5.42 1.78	90.64 -6.40 1.37	82.33 -4.50 1.38	58.87 -2.71 1.55	53.78 -2.68 0.60	47.17 -1.26 0.00	41.68 -0.42 0.00	37.52 -0.08 0.00
VALLEY__115KV_TB 1-4 80826	37.50 0.91 0.00	32.82 0.80 0.00	32.22 0.79 0.00	30.95 0.73 0.00	30.92 0.75 0.01	32.92 0.83 0.00	33.88 0.83 0.00	36.98 0.90 0.00	39.59 1.04 0.00	41.48 1.13 0.00	44.70 1.26 -0.07	52.10 1.46 -0.34	55.82 1.56 -0.31	58.70 1.65 -0.31	66.57 1.78 -1.32	79.21 2.04 -1.60	83.60 2.07 -1.80	103.33 2.56 -2.36	92.40 2.29 -1.89	65.08 1.70 -0.24	58.59 1.48 -0.03	49.88 1.31 -0.15	43.24 1.14 0.00	39.00 1.02 -0.39
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.07 2.27 -0.22	34.13 1.95 -0.15	33.65 1.98 -0.23	32.23 1.87 -0.13	32.20 1.84 -0.19	34.35 2.02 -0.24	35.34 2.08 -0.21	38.40 2.16 -0.15	40.98 2.43 0.00	43.09 2.50 -0.24	46.11 2.73 0.00	53.43 3.12 0.00	57.29 3.34 0.00	60.32 3.58 0.00	67.34 3.87 0.00	80.63 4.46 -0.60	84.44 4.70 0.00	105.65 5.90 -1.33	94.79 5.47 -1.10	67.77 4.17 -0.48	61.23 3.71 -0.45	51.98 3.20 -0.35	45.07 2.74 -0.23	40.19 2.41 -0.19
VISCHER__FERRY HYD 24020	38.67 2.08 0.00	33.88 1.86 0.00	33.36 1.66 -0.26	31.89 1.60 -0.06	32.05 1.63 -0.25	33.99 1.76 -0.14	34.87 1.82 0.00	38.56 1.98 -0.49	40.71 2.16 0.00	43.46 2.34 -0.77	45.84 2.47 0.00	53.23 2.92 0.00	68.45 3.02 -11.49	82.48 3.18 -22.55	95.23 3.62 -28.14	120.89 4.46 -40.86	125.03 4.70 -40.59	148.57 5.80 -44.35	94.55 5.29 -1.04	66.85 3.72 0.00	60.38 3.31 0.00	51.23 2.81 0.00	44.33 2.23 0.00	39.59 1.99 0.00
V_A_10_SYNC_DSASP 323832	35.16 -1.43 0.00	30.49 -1.54 0.00	30.02 -1.45 -0.03	28.69 -1.54 -0.01	28.69 -1.51 -0.02	30.47 -1.64 -0.01	31.33 -1.72 0.00	33.86 -2.27 -0.05	36.16 -2.35 0.04	37.65 -2.78 -0.08	40.42 -2.95 0.00	46.78 -3.27 0.26	49.91 -3.34 0.69	52.86 -3.01 0.88	57.87 -4.12 1.48	68.54 -5.36 1.67	71.76 -5.66 2.31	89.93 -6.70 1.79	81.73 -4.68 1.80	58.21 -2.90 2.01	53.49 -2.80 0.78	45.81 -2.62 0.00	40.55 -1.56 0.00	36.36 -1.24 0.00
V_CMM_10_SYNC_DSASP 323787	35.16 -1.43 0.00	30.84 -1.18 0.00	30.33 -1.10 0.00	29.25 -1.00 -0.02	29.26 -0.97 -0.05	31.03 -1.06 0.00	31.96 -1.09 0.00	34.85 -1.23 0.00	37.18 -1.35 0.02	38.90 -1.45 0.00	40.46 -1.56 1.35	41.78 -1.76 6.77	45.84 -1.89 6.21	48.56 -1.99 6.20	34.72 -2.22 26.53	40.68 -2.65 32.24	40.76 -2.79 36.18	47.41 -3.45 47.56	47.04 -3.17 38.01	55.90 -2.33 4.89	54.33 -2.05 0.69	43.69 -1.79 2.95	40.45 -1.64 0.01	28.27 -1.47 7.86
V_CMP_10_SYNC_DSASP 323788	35.30 -1.28 0.00	31.00 -1.03 0.00	30.52 -0.91 0.00	29.44 -0.79 0.00	29.42 -0.75 0.00	31.41 -0.68 0.00	32.59 -0.46 0.00	35.61 -0.47 0.00	37.91 -0.62 0.02	39.50 -0.85 0.00	41.26 -0.78 1.34	42.57 -1.06 6.68	46.52 -1.30 6.13	48.77 -1.87 6.11	35.08 -2.22 26.17	41.65 -2.12 31.80	41.82 -2.23 35.69	48.75 -2.75 46.91	48.35 -2.38 37.48	56.16 -2.15 4.83	54.51 -1.88 0.68	44.11 -1.41 2.91	41.25 -0.84 0.01	28.86 -0.98 7.76
V_D_10_SYNC_DSASP 323841	34.97 -1.61 0.00	30.68 -1.34 0.00	30.18 -1.26 0.00	29.12 -1.15 -0.04	29.15 -1.12 -0.09	30.87 -1.22 0.00	31.86 -1.19 0.00	34.71 -1.37 0.00	36.98 -1.54 0.02	38.70 -1.66 0.00	40.28 -1.78 1.31	41.75 -2.01 6.55	45.78 -2.16 6.01	48.48 -2.27 6.00	35.20 -2.61 25.67	41.35 -3.02 31.19	41.54 -3.19 35.00	48.46 -3.94 46.01	47.75 -3.70 36.77	55.80 -2.59 4.73	54.12 -2.28 0.66	43.49 -2.08 2.85	40.16 -1.94 0.01	28.33 -1.65 7.61
V_E_10_SYNC_DSASP 323830	40.25 3.15 -0.52	35.13 2.75 -0.35	34.45 2.61 -0.41	32.95 2.45 -0.28	32.84 2.36 -0.31	35.31 2.73 -0.49	36.54 3.01 -0.48	41.46 4.84 -0.54	44.15 5.13 -0.47	46.52 5.45 -0.72	49.56 5.64 -0.56	57.52 6.49 -0.72	61.61 7.01 -0.66	65.12 7.72 -0.66	72.30 8.13 -0.70	86.53 9.37 -1.60	90.56 9.80 -1.02	108.91 7.77 -2.73	98.44 8.03 -2.20	70.46 6.63 -0.71	63.96 5.99 -0.90	54.24 4.99 -0.82	46.99 4.34 -0.54	41.69 3.65 -0.45
V_F_30_NSYNC__DSASP 323816	39.36 2.78 0.00	34.43 2.40 0.00	33.90 2.20 -0.26	32.40 2.12 -0.06	32.48 2.05 -0.25	34.51 2.28 -0.14	35.43 2.38 0.00	39.07 2.49 -0.50	41.33 2.78 0.00	44.00 2.87 -0.78	46.36 2.99 0.00	53.88 3.57 0.00	64.23 3.72 -6.57	73.50 3.86 -12.89	83.81 4.25 -16.08	105.00 5.21 -24.22	108.43 5.50 -23.20	130.85 7.09 -25.35	95.64 6.79 -0.63	67.99 4.86 0.00	61.46 4.39 0.00	52.16 3.73 0.00	45.18 3.07 0.00	40.26 2.67 0.00
V_F_30_SYNC_DSASP 323786	38.19 1.61 0.00	33.43 1.41 0.00	33.01 1.32 -0.26	31.53 1.24 -0.06	31.66 1.24 -0.25	33.58 1.35 -0.14	34.47 1.42 0.00	38.01 1.44 -0.49	40.25 1.70 0.00	42.85 1.74 -0.76	45.28 1.91 0.00	52.47 2.16 0.00	56.21 2.27 0.00	59.08 2.33 0.00	66.20 2.73 0.00	80.89 3.40 -1.93	83.24 3.51 0.00	102.74 4.33 0.00	92.01 3.79 0.00	65.78 2.65 0.00	59.35 2.28 0.00	50.41 1.99 0.00	43.83 1.73 0.00	39.14 1.54 0.00

V_XM10_SYNC_DSASP 323789	35.30 -1.28 0.00	31.00 -1.03 0.00	30.52 -0.91 0.00	29.44 -0.79 0.00	29.42 -0.75 0.00	31.41 -0.68 0.00	32.59 -0.46 0.00	35.61 -0.47 0.00	37.91 -0.62 0.02	39.50 -0.85 0.00	41.26 -0.78 1.34	42.57 -1.06 6.68	46.52 -1.30 6.13	48.77 -1.87 6.11	35.08 -2.22 26.17	41.65 -2.12 31.80	41.82 -2.23 35.69	48.75 -2.75 46.91	48.35 -2.38 37.48	56.16 -2.15 4.83	54.51 -1.88 0.68	44.11 -1.41 2.91	41.25 -0.84 0.01	28.86 -0.98 7.76
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.88 3.29 0.00	34.91 2.88 0.00	34.24 2.61 -0.19	32.75 2.48 -0.04	32.80 2.44 -0.18	34.76 2.57 -0.10	35.99 2.94 0.00	39.76 3.32 -0.36	42.21 3.66 0.00	44.55 3.63 -0.56	47.36 3.99 0.00	54.99 4.68 0.00	60.45 5.12 -1.38	64.74 5.28 -2.72	73.08 6.22 -3.39	89.39 7.71 -6.11	93.00 8.37 -4.89	114.09 10.33 -5.34	96.91 8.56 -0.14	68.81 5.68 0.00	61.98 4.91 0.00	52.69 4.26 0.00	45.68 3.58 0.00	40.90 3.31 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.24 3.66 0.00	35.23 3.20 0.00	34.50 2.86 -0.20	33.06 2.78 -0.05	33.05 2.69 -0.19	35.02 2.82 -0.11	36.36 3.31 0.00	40.28 3.82 -0.38	42.83 4.28 0.00	45.26 4.32 -0.59	48.06 4.68 0.00	55.69 5.38 0.00	61.37 5.88 -1.54	65.74 5.96 -3.03	74.24 6.98 -3.78	90.98 8.69 -6.72	94.60 9.41 -5.45	115.99 11.61 -5.96	97.90 9.53 -0.15	69.44 6.31 0.00	62.43 5.36 0.00	53.17 4.75 0.00	46.19 4.08 0.00	41.35 3.76 0.00
W50THST__13_KV_LOAD 356117	40.42 3.84 0.00	35.39 3.36 0.00	34.68 3.05 -0.20	33.24 2.96 -0.05	33.26 2.90 -0.19	35.25 3.05 -0.11	36.59 3.54 0.00	40.57 4.11 -0.38	43.17 4.63 0.00	45.63 4.68 -0.59	48.45 5.07 0.00	56.19 5.89 0.00	61.80 6.31 -1.54	66.19 6.41 -3.03	74.81 7.55 -3.78	91.58 9.29 -6.72	95.32 10.13 -5.45	116.77 12.40 -5.96	98.60 10.23 -0.15	69.95 6.82 0.00	62.83 5.76 0.00	53.46 5.04 0.00	46.52 4.42 0.00	41.58 3.99 0.00
WADING RIVER_IC_1 23522	44.05 4.31 -3.15	43.29 3.81 -7.46	42.44 3.49 -7.51	41.61 3.33 -8.06	41.56 3.26 -8.12	41.87 3.47 -6.31	42.05 3.90 -5.10	42.67 4.51 -2.08	43.33 4.66 -0.11	45.30 4.36 -0.59	53.18 5.46 -4.34	131.94 6.29 -75.35	132.16 6.85 -71.36	146.41 7.21 -82.45	146.97 8.31 -75.18	275.82 10.28 -189.97	279.29 10.92 -188.63	270.58 13.59 -158.58	278.87 11.55 -179.10	268.57 7.70 -197.74	141.49 6.56 -77.86	138.57 5.66 -84.48	50.17 4.76 -3.31	41.77 4.17 0.00
WADING RIVER_IC_2 23547	44.05 4.31 -3.15	43.29 3.81 -7.46	42.44 3.49 -7.51	41.61 3.33 -8.06	41.56 3.26 -8.12	41.87 3.47 -6.31	42.05 3.90 -5.10	42.67 4.51 -2.08	43.33 4.66 -0.11	45.30 4.36 -0.59	53.18 5.46 -4.34	131.94 6.29 -75.35	132.16 6.85 -71.36	146.41 7.21 -82.45	146.97 8.31 -75.18	275.82 10.28 -189.97	279.29 10.92 -188.63	270.58 13.59 -158.58	278.87 11.55 -179.10	268.57 7.70 -197.74	141.49 6.56 -77.86	138.57 5.66 -84.48	50.17 4.76 -3.31	41.77 4.17 0.00
WADING RIVER_IC_3 23601	44.05 4.31 -3.15	43.29 3.81 -7.46	42.44 3.49 -7.51	41.61 3.33 -8.06	41.56 3.26 -8.12	41.87 3.47 -6.31	42.05 3.90 -5.10	42.67 4.51 -2.08	43.33 4.66 -0.11	45.30 4.36 -0.59	53.18 5.46 -4.34	131.94 6.29 -75.35	132.16 6.85 -71.36	146.41 7.21 -82.45	146.97 8.31 -75.18	275.82 10.28 -189.97	279.29 10.92 -188.63	270.58 13.59 -158.58	278.87 11.55 -179.10	268.57 7.70 -197.74	141.49 6.56 -77.86	138.57 5.66 -84.48	50.17 4.76 -3.31	41.77 4.17 0.00
WALDENNY_12_KV_BK2 80841	35.56 -1.02 0.00	30.81 -1.22 0.00	29.99 -1.48 -0.03	28.91 -1.33 -0.01	28.73 -1.48 -0.03	30.66 -1.44 -0.02	31.57 -1.49 0.00	33.94 -2.20 -0.06	36.44 -2.08 0.03	37.61 -2.82 -0.08	41.07 -2.30 0.00	46.92 -3.17 0.22	50.16 -3.18 0.60	53.44 -2.55 0.76	58.33 -3.87 1.27	69.06 -5.14 1.37	72.32 -5.42 2.00	90.47 -6.40 1.54	82.51 -4.15 1.56	58.93 -2.46 1.74	54.05 -2.34 0.68	46.59 -1.84 0.00	41.35 -0.76 0.00	37.26 -0.34 0.00
WALDEN__HYDRO 24148	39.66 3.07 0.00	34.71 2.69 0.00	34.05 2.42 -0.19	32.60 2.33 -0.04	32.65 2.29 -0.18	34.57 2.37 -0.10	35.76 2.71 0.00	39.44 2.99 -0.36	41.86 3.32 0.00	44.19 3.27 -0.57	47.02 3.64 0.00	54.53 4.23 0.00	59.54 4.64 -0.95	63.45 4.82 -1.87	71.46 5.65 -2.34	87.26 7.03 -4.66	90.84 7.73 -3.37	111.64 9.55 -3.68	96.25 7.94 -0.10	68.49 5.37 0.00	61.75 4.68 0.00	52.45 4.02 0.00	45.43 3.33 0.00	40.68 3.08 0.00
WARRENSBURG____ 23737	39.36 2.78 0.00	34.39 2.37 0.00	33.84 2.14 -0.26	32.31 2.03 -0.06	32.39 1.96 -0.26	34.45 2.21 -0.14	35.40 2.35 0.00	39.04 2.45 -0.50	41.33 2.78 0.00	44.00 2.87 -0.79	46.06 2.69 0.00	53.68 3.37 0.00	63.12 3.35 -5.83	71.54 3.35 -11.45	81.31 3.55 -14.28	101.76 4.46 -21.74	105.04 4.70 -20.60	127.13 6.20 -22.51	95.40 6.62 -0.57	67.92 4.80 0.00	61.52 4.45 0.00	52.25 3.82 0.00	45.22 3.12 0.00	40.15 2.56 0.00
WATERSIDE____6 8 9 23538	39.99 3.84 0.44	35.38 3.36 0.01	34.62 2.99 -0.20	33.14 2.87 -0.04	33.17 2.81 -0.19	35.12 2.92 -0.11	36.42 3.37 0.00	40.42 3.97 -0.37	42.87 4.32 0.00	45.30 4.36 -0.59	48.01 4.64 0.00	55.44 5.13 0.00	61.09 5.61 -1.54	65.39 5.62 -3.03	73.72 6.47 -3.78	84.97 8.16 -1.25	94.03 8.85 -5.45	115.29 10.92 -5.95	97.19 8.82 -0.15	70.44 5.81 -1.50	62.67 5.19 -0.41	53.07 4.65 0.01	46.27 4.17 0.00	41.50 3.91 0.01
WATKINRD_115KV_LN8_ILLION 55919	37.35 0.77 0.00	32.66 0.64 0.00	32.06 0.63 0.00	30.83 0.60 0.00	30.77 0.60 0.01	32.73 0.64 0.00	33.75 0.69 0.00	36.84 0.76 0.00	39.40 0.85 0.00	41.24 0.89 0.00	44.44 1.00 -0.07	51.80 1.16 -0.34	55.44 1.19 -0.31	58.31 1.25 -0.31	66.19 1.40 -1.32	78.75 1.59 -1.60	83.21 1.67 -1.80	102.94 2.17 -2.36	92.04 1.94 -1.89	64.82 1.45 -0.24	58.36 1.26 -0.03	49.69 1.11 -0.15	43.03 0.93 0.00	38.81 0.83 -0.39
WATSON__69_KV_BK 1 55734	44.66 4.94 -3.13	43.79 4.32 -7.45	42.96 4.02 -7.50	42.12 3.84 -8.05	42.09 3.80 -8.11	42.41 4.01 -6.30	42.67 4.53 -5.09	43.24 5.09 -2.07	44.13 5.47 -0.11	46.03 5.08 -0.59	51.55 5.99 -2.19	98.38 6.94 -41.13	101.16 7.61 -39.61	113.21 7.94 -48.51	120.53 9.14 -47.92	198.22 11.26 -111.40	214.71 12.12 -122.85	212.30 15.06 -98.83	199.30 12.97 -98.12	171.64 8.59 -99.92	103.72 7.30 -39.35	97.46 6.34 -42.69	49.21 5.43 -1.67	42.46 4.85 -0.02
WDELAWARE__HYD 323627	39.44 2.86 0.00	34.49 2.47 0.00	33.81 2.20 -0.18	32.42 2.15 -0.04	32.40 2.05 -0.17	34.34 2.15 -0.10	35.46 2.41 0.00	39.12 2.71 -0.34	41.44 2.89 0.00	43.74 2.87 -0.52	46.54 3.16 0.00	54.03 3.72 0.00	58.15 4.21 0.00	61.06 4.31 0.00	68.55 5.08 0.00	83.31 6.42 -1.32	86.83 7.09 0.00	107.37 8.95 0.00	95.71 7.49 0.00	68.31 5.18 0.00	61.57 4.51 0.00	52.21 3.78 0.00	45.22 3.12 0.00	40.45 2.86 0.00
WEST BABYLON__IC 23714	44.40 4.68 -3.13	43.57 4.10 -7.44	42.71 3.77 -7.50	41.91 3.63 -8.05	41.85 3.56 -8.11	42.18 3.79 -6.30	42.40 4.26 -5.09	42.95 4.80 -2.07	43.86 5.20 -0.11	45.79 4.84 -0.59	49.55 5.64 -0.53	71.55 6.54 -14.71	76.20 7.17 -15.08	86.54 7.49 -22.30	99.04 8.70 -26.87	139.44 10.73 -53.14	167.63 11.56 -76.33	169.74 14.37 -56.96	138.48 12.26 -38.00	95.56 8.08 -24.35	73.56 6.91 -9.59	64.84 6.00 -10.40	47.65 5.14 -0.41	42.23 4.62 -0.01

WEST CANADA___HYD 24049	37.02 0.44 0.00	32.41 0.39 0.00	31.81 0.38 0.00	30.56 0.33 0.00	30.50 0.33 0.01	32.44 0.35 0.00	33.42 0.36 0.00	36.52 0.43 0.00	39.01 0.46 0.00	40.84 0.49 0.00	43.96 0.52 -0.07	51.25 0.61 -0.34	54.90 0.65 -0.31	57.74 0.68 -0.31	65.55 0.76 -1.32	78.08 0.91 -1.60	82.49 0.96 -1.80	101.96 1.19 -2.36	91.16 1.06 -1.89	64.13 0.76 -0.24	57.79 0.69 -0.03	49.16 0.58 -0.15	42.61 0.51 0.00	38.44 0.45 -0.39
WESTERN_NY_WIND 24143	35.92 -0.66 0.00	31.13 -0.90 0.00	30.39 -1.07 -0.03	29.21 -1.03 -0.01	29.05 -1.15 -0.03	30.98 -1.12 -0.01	31.90 -1.16 0.00	34.62 -1.52 -0.05	36.78 -1.73 0.03	38.37 -2.06 -0.07	41.42 -1.95 0.00	47.65 -2.41 0.24	50.86 -2.43 0.65	53.94 -1.99 0.83	58.72 -3.36 1.39	69.63 -4.38 1.55	72.93 -4.62 2.18	91.22 -5.51 1.69	83.34 -3.18 1.70	59.40 -1.83 1.90	55.07 -1.26 0.74	47.02 -1.40 0.00	41.60 -0.51 0.00	37.60 0.00 0.00
WESTOVER___LESR 323668	37.66 0.59 -0.49	32.77 0.42 -0.33	32.15 0.31 -0.40	30.80 0.30 -0.27	30.72 0.24 -0.30	32.92 0.35 -0.47	33.91 0.40 -0.46	36.90 0.14 -0.68	39.56 0.35 -0.66	41.33 0.08 -0.89	44.49 0.35 -0.77	51.57 0.25 -1.01	55.14 0.27 -0.93	58.25 0.57 -0.93	64.85 0.38 -1.00	77.85 0.30 -1.98	81.84 0.64 -1.46	101.89 0.98 -2.49	91.43 1.24 -1.98	64.80 1.14 -0.54	58.84 0.97 -0.81	50.13 0.92 -0.79	43.59 0.97 -0.52	38.85 0.83 -0.43
WETHRSFD_WT_PWR 323626	35.85 -0.73 0.00	31.09 -0.93 0.00	30.18 -1.29 -0.03	29.15 -1.09 -0.01	28.91 -1.30 -0.03	30.89 -1.22 -0.02	31.93 -1.12 0.00	34.67 -1.48 -0.06	37.02 -1.50 0.03	38.55 -1.90 -0.09	41.34 -2.04 0.00	47.35 -2.77 0.20	50.56 -2.86 0.53	53.70 -2.38 0.67	58.98 -3.37 1.12	69.80 -4.61 1.16	73.03 -4.94 1.76	91.25 -5.81 1.36	83.14 -3.70 1.37	59.45 -2.15 1.53	54.30 -2.17 0.60	47.02 -1.41 0.00	41.51 -0.59 0.00	37.18 -0.41 0.00
WHAVSTOR_138KV_BK127 55557	39.73 3.15 0.00	34.78 2.75 0.00	34.08 2.45 -0.19	32.63 2.36 -0.04	32.65 2.29 -0.18	34.60 2.41 -0.10	35.83 2.78 0.00	39.62 3.18 -0.36	41.98 3.43 0.00	44.35 3.43 -0.57	47.15 3.77 0.00	54.69 4.38 0.00	60.13 4.80 -1.39	64.41 4.94 -2.73	72.65 5.78 -3.40	88.88 7.18 -6.13	92.46 7.81 -4.91	113.42 9.64 -5.36	96.29 7.94 -0.14	68.43 5.30 0.00	61.63 4.57 0.00	52.40 3.97 0.00	45.43 3.33 0.00	40.72 3.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.73 3.15 0.00	34.78 2.75 0.00	34.08 2.45 -0.19	32.63 2.36 -0.04	32.65 2.29 -0.18	34.60 2.41 -0.10	35.83 2.78 0.00	39.62 3.18 -0.36	41.98 3.43 0.00	44.35 3.43 -0.57	47.15 3.77 0.00	54.69 4.38 0.00	60.13 4.80 -1.39	64.41 4.94 -2.73	72.65 5.78 -3.40	88.88 7.18 -6.13	92.46 7.81 -4.91	113.42 9.64 -5.36	96.29 7.94 -0.14	68.43 5.30 0.00	61.63 4.57 0.00	52.40 3.97 0.00	45.43 3.33 0.00	40.72 3.12 0.00
WHITEHAL_115KV_TB1 80871	40.46 3.88 0.00	35.32 3.30 0.00	34.69 2.99 -0.26	33.10 2.81 -0.06	33.15 2.72 -0.26	35.35 3.11 -0.14	36.36 3.31 0.00	39.94 3.36 -0.50	42.37 3.82 0.00	44.93 3.79 -0.78	47.15 3.77 0.00	54.99 4.68 0.00	64.83 4.75 -6.14	73.62 4.82 -12.05	83.52 5.01 -15.03	104.53 6.20 -22.77	108.03 6.62 -21.68	130.86 8.76 -23.69	97.83 9.00 -0.61	69.69 6.57 0.00	63.06 5.99 0.00	53.56 5.13 0.00	46.31 4.21 0.00	41.02 3.42 0.00
WHITEPLN_13_KV_LOAD 356215	40.42 3.84 0.00	35.39 3.36 0.00	34.65 3.02 -0.20	33.18 2.90 -0.05	33.23 2.87 -0.19	35.21 3.02 -0.11	36.52 3.47 0.00	40.46 4.01 -0.38	43.02 4.47 0.00	45.54 4.60 -0.59	48.45 5.07 0.00	56.25 5.94 0.00	61.90 6.42 -1.54	66.41 6.64 -3.02	75.05 7.81 -3.77	92.09 9.82 -6.70	95.62 10.45 -5.44	117.34 12.99 -5.94	99.22 10.85 -0.15	70.45 7.32 0.00	63.23 6.16 0.00	53.75 5.33 0.00	46.52 4.42 0.00	41.62 4.02 0.00
WM_FLOYD_69_KV_BK2 356380	44.37 4.65 -3.14	43.57 4.10 -7.45	42.71 3.77 -7.50	41.88 3.60 -8.05	41.82 3.53 -8.11	42.15 3.75 -6.30	42.40 4.26 -5.09	42.95 4.80 -2.07	43.82 5.17 -0.11	45.67 4.72 -0.59	53.53 5.73 -4.43	133.73 6.69 -76.73	133.87 7.28 -72.64	148.18 7.60 -83.82	148.57 8.82 -76.28	279.72 10.81 -193.35	282.84 11.48 -191.62	274.01 14.27 -161.33	283.15 12.35 -182.59	273.04 8.21 -201.71	143.51 7.02 -79.43	140.71 6.10 -86.18	50.58 5.09 -3.38	42.07 4.47 0.00
WOODARD__115KV_TB2 355635	37.26 -0.22 -0.90	32.40 -0.22 -0.60	31.81 -0.25 -0.63	30.39 -0.30 -0.46	30.30 -0.33 -0.45	32.61 -0.29 -0.81	33.63 -0.26 -0.84	36.86 -0.29 -1.07	39.47 -0.31 -1.22	41.44 -0.28 -1.37	44.46 -0.35 -1.43	51.86 -0.35 -1.91	55.39 -0.38 -1.82	58.32 -0.28 -1.85	65.09 -0.44 -2.06	78.18 -0.60 -3.21	82.07 -0.72 -3.05	102.30 -0.89 -4.77	91.45 -0.62 -3.85	64.07 -0.32 -1.26	58.41 -0.23 -1.57	49.61 -0.24 -1.43	42.97 -0.08 -0.95	38.18 -0.19 -0.78
YORK___WARBASSE 23770	43.78 4.06 -3.13	35.66 3.52 -0.11	34.80 3.14 -0.22	33.31 3.02 -0.06	33.34 2.96 -0.21	35.35 3.14 -0.12	36.61 3.54 -0.02	43.38 4.11 -3.19	43.06 4.51 0.00	45.46 4.52 -0.59	48.23 4.86 0.00	55.79 5.48 0.00	64.10 5.99 -4.17	92.12 6.07 -29.29	79.02 6.92 -8.63	129.32 8.69 -45.07	94.66 9.41 -5.51	116.04 11.61 -6.02	97.97 9.53 -0.23	77.16 6.31 -7.72	80.94 5.65 -18.22	96.57 5.04 -43.11	46.57 4.46 0.00	41.88 4.17 -0.11